

**European Members of the International Science Council (ISC)**

**7<sup>th</sup> Annual Meeting**

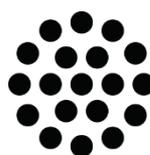
**21–22 November 2024**

**The Royal Swedish Academy of Sciences  
Stockholm, Sweden**

**Approved on 21 October 2025**



**KUNGL.  
VETENSKAPS-  
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THE ROYAL SWEDISH ACADEMY OF SCIENCES



**International  
Science Council**

# European Members of the International Science Council ISC 7th Annual Meeting

The Royal Swedish Academy of Sciences

Address: Lilla Frescativägen 4A, SE-114 18 Stockholm, Sweden

Thursday, 21 November 2024, 13:15–20:00

Friday, 22 November 2024, 9:00–13:10

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## PART I: Formal Business Meeting. Thursday, 21 November 2024

### **13:45** Opening and Formalities

Welcoming words from the Royal Swedish Academy of Sciences

- Adoption of Agenda 2024
- Report from the Management Group and Secretariat
- Approval of the Minutes of the Annual Meeting 2023
- Information from participating members (possibility for introduction and sharing Information from member organisations, 3 minutes per person)

#### 1. Welcoming words

The meeting was opened by the ISC European Members Chair Tarmo Soomere who welcomed the participants and noted that the number of representatives of different ICS members is reaching the pre-COVID levels. He also expressed sincere thanks to the host, the Royal Swedish Academy of Sciences for the beautiful meeting rooms and for an option to informally visit the room where Nobel Prizes are announced.

Per Strömberg, Vice President of the Royal Swedish Academy of Sciences welcomed the participants on behalf of the Royal Academy. He stressed that meetings of this kind are particularly important in times when we face big challenges, from AI to threats to academic freedom and academic independence. These issues are increasingly a problem in Europe as well.

Tarmo Soomere informed the participants about practicalities, leaders of discussions in breakout rooms, introduced the current members of the Management Group, launched a tour de table for those who are first time representing their institution at the ISC European Group Annual Meeting: Ágúst Ingthórsson (Rannís - Icelandic Centre for Research), Manuel de León (Spanish Royal Academy of Sciences), Ilkay Erdogan Orhan (Turkish Academy of Sciences (TÜBA)), Odile Eisenstein (Académie des sciences, France), Hans Petter Graver (Norwegian Academy of Science and Letters), Ion Tiginyanu (Academy of Sciences of Moldova), Jörg Schneider (German Research Foundation), and announced the option for providing short information from participating members at the end of the session.

Tarmo Soomere described the agenda, explained why the ISC European Group business items are planned in two sessions on different days, informed the participants that the Ambassador of Estonia to Sweden can only attend on the next day, and proposed that after approval of the minutes of the last Annual Meeting the discussion could switch to addressing challenges for the academic community and ICS.

The slightly modified agenda was adopted.

## 2. Report from the Management Group and Secretariat

A report on behalf of the Management Group and Secretariat was presented by Tarmo Soomere. A short overview of highlights in 2023 was formulated by Erle Rikmann, the Secretary in 2020–2023 in the Estonian Academy of Sciences Yearbook 2023, pp 88–90, <https://www.akadeemia.ee/wp-content/uploads/2024/06/yearbook-2023-eng-web-2.pdf>.

This is the intention of the group: to produce short but searchable overviews of progress and main points.

The highlight of the year 2023 was contribution to the formulation and signing the Warsaw Declaration. In 2024 we were engaged into the event „Rebuilding and strengthening Ukrainian science and innovation in support of economic recovery” (Zürich, 19.–20.03) organised jointly by the national academies of science of the USA, ETH Zürich and Simons Foundation. Tarmo Soomere discussed there with the former chief scientist of Israel Mina Teicher in the session „National models for linking science and innovation to economic growth”. The recommendation to those who support Ukraine was: support Ukraine in such a manner that in 10 years you would be delighted to invest into this country.

Another initiative where we took part was “Reclaiming Europe” co-driven by Berlin Brandenburg Academy of Sciences (who is not part of the ISC) and Young Academies of Sciences. A message to us is that there is not only a strong gradient between global North and global South. A similar gradient is even stronger the east–west direction in Europe. This gradient may be one of the reasons why Europe is lagging behind some other parts of the world. Several ISC members were the first signatories of this manifest. Tarmo Soomere also attended the conference in Gdansk (13.–15.10.2024).

We had also several discussions with Pavel Rowinsky, the new president of ALLEA (ALL European Academies). We agreed that there are too many networks of academies in Europe and that we should be more compact.

Also, Tarmo Soomere took several visits to academies and research councils over Europe, in order to engage ISC members to provide input into this group. The threat is that the voice of Europe is too weak on global scale.

The new Secretary from spring 2024 is Mrs Kerlin Rimmel who has produced the portfolio for this meeting. One MG member, Giseline Kuipers, stepped down because of personal reasons. Finally, Tarmo Soomere noted that the Annual Meeting does not have a procedure of approval of the report by Secretariat and the Management Group but it would be a start of a good

tradition if this report would be approved together with Minutes of the previous Annual Meeting, the draft of which has been distributed in spring. He also suggested that any additions to this report are welcome.

### 3. Approval of the Minutes of the Annual Meeting 2023

The participants of the Annual Meeting unanimously approved the Minutes (Open voting: 18 votes for, 0 votes against, 0 votes abstained). The Minutes will be displayed on the website of ISC European Members at:

[https://euro-isc.org/wp-content/uploads/2025/04/Euro\\_ISC\\_2023\\_minutes\\_final.pdf](https://euro-isc.org/wp-content/uploads/2025/04/Euro_ISC_2023_minutes_final.pdf)

### 4. Discussion of challenges and information and suggestions from ISC members.

Tarmo Soomere introduced the topic by noting that the ISC European Group meetings should provide participants with important material and messages to take home. The topics for this meeting were selected based on (1) responses of ISC members to a questionnaire distributed in spring 2024 and (2) previously agreed focus topics.

The Management Group has extensively discussed these topics in the context of the Annual Meeting. This includes the future of the ISC in general. ICS is changing rapidly now, with a large number of category three members added. Also, it is timely to ask what science in terms is of public good, or how we can properly evaluate scientists and institutions, avoiding classic rankings. Artificial intelligence is coming in like a tsunami. It's totally unavoidable. Science and scientists are most trusted in the world, but keeping this feature needs care. Research integrity is another hot aspect. Reclaiming Europe or decolonization of science are both necessary to handle. Any colonial features are incompatible with the values of Europe. The language of science: should it be exclusively English or is there some benefit from using more languages, particularly in social science and the humanities. In February 2022 we stressed we need social sciences to have more predictive power.

The answers to the questionnaire revealed that three to five most important topics had the same number of votes, so the Management Group had to decide what exactly will be in agenda today and tomorrow. This decision is reflected in the set of keynote speakers.

An important topic today and tomorrow is how to formulate our message to the ISC General Assembly in January 2025 in Oman.

*Jörg Schneider* noted that quite large contributions to ISC every year do not necessarily pay back to the contributing members. This is a particularly complicated issue for funding organizations who don't feel at home there. It is not clear what does it mean to be the global voice of science via ICS. The ICS is currently too much a one man show – even if Peter Gluckman is a great guy with strong vision. We have to be sure that this extremely important organization is not drifting into a wrong way. Topics like co-creation, (de)colonization, equity etc. are all important but it is not clear whether this is the concern of the world at the moment? We in Europe are able to set the right way for that.

*Odile Eisenstein* proposed to address slightly different focus to a similar concern. The concept of ISC is important because of bringing together very different players who can meet and have globally the same role on the governance of ISC. We defended in a meeting in Paris equal vote right for unions from Category 1 and Category 2 members. However we voted against the presented change of ISC Statutes because the criteria to become members were not clear. We believe that the quality of the ISC is made of the quality of the membership. France hosts the ISC headquarters. This is an aspect between the French government and ISC. Lastly: we

recognize the importance of international scientific networks, but that there are unnecessary duplications that weaken strength and effectiveness of the voice of science.

Tarmo Soomere remarked that two years ago, Royal Society expressed similar concerns. The unique feature of ISC is it has potential to merge the voice of excellent science and the voice of money by those who are financing science. Their joint voice would be much stronger.

*Odile Eisenstein* added that her Academy wants clear status, clear memberships and clear vision, and all this put into practice. The association of international unions and national entities gives two visions of science.

Tarmo Soomere remarked that there are at least four connecting points between research, landscape and society. Somebody must finance science, somebody must advise, somebody must lobby for science, somebody must protest. You can't combine those pairwise. These functions should be separated. Those who are making decisions need to know whom they are talking to. He expressed this view in Paris in May 2023 meeting. People in ICS are now thinking in this direction, and this is the impact, what we can have.

*Hans Petter Graver* told that the Norwegian Academy supports the mission of the ISC. It was a good idea to combine the sciences and the social sciences and humanities. More work needs to be done to make the ISC more relevant to the national scientific organizations and to global policy makers. There is a certain amount of duplication e.g. in science advice, so it is necessary to find the niche that the ISC can fill, particularly in Europe. We have to address consequences of the deteriorating security situation in Europe and the world, and the implications for science and scientific cooperation, e.g. in terms more restrictions on scientific cooperation by state security bodies. Cooperation between different countries is necessary. The consequences of technological development and scientific development may face regulation, for instance the aspects of the GMOs in Europe, or the regulation of the AI. One important aspect is intellectual property rights that arise with AI.

*Ion Tiginyanu* underlined that the scientific community and the Academy of Sciences of Moldova support the activity of the ISC. A number of events have been organized in Moldova under the umbrella of the ISC, with messages from world's leading scientists and Nobel laureates. In the frame of the International Year of Basic Sciences, an international conference with worldwide participation was organized. They also practice to invite experts to deliver public lectures that are live streamed, with the goal to increase trust in science. They also collaborate closely with the Romanian Academy. On November 12, they launched the International decade of sciences for sustainable development and are contributing into making the voice of science strong in the region and increase the trust in science, also under the umbrella of the ICS.

Tarmo Soomere remarked that many countries which are now in the impact sphere of Russia are dreaming to get out of that sphere, but they are afraid of the Ukrainian scenario. Science diplomacy through academies and contacts of scientists could be a solution to that problem. Europe needs to think about how to help countries like Kazakhstan, Uzbekistan or Mongolia, how they can get out of the shadow of Russia without threat of war.

*Anna Mauranen* represents the four Finnish academies, two of which are technological and are classic academies. The large number of academies is because of a bilingual country. Even if it's not at all clear what exactly the ISC is, it still is the global voice of science, so far the biggest and most comprehensive global organization [of science]. But there are other global organizations of science. This is both a practical and ideological problem, both globally and for Europe, and we need to tackle it. Finland has been fairly good in this context: all the four academies are represented in one system internationally. Europe could do a similar thing rather than host several organizations.

It is problematic that attacks on science have not been high on the agenda. There is this talk about trust in science, now increasingly science and scientists are being attacked. It would be very important for all collaborate and to take a stand on this.

Science diplomacy was mentioned by colleagues. How do we collaborate across borders with the countries involved are in at war with each other? The oldest definition of science diplomacy is that scientists always collaborate. We heard last year from European Union something different: science diplomacy means that we're going to do business together, and you can join us. I don't think this is what we want to do. What we want is science to be understood as it is, as a universal enterprise. In that sense it is global, but the global needs all the locals as well.

*Jürg Pfister* represents Swiss academies of arts and sciences that both have been present in the ICSU (the predecessor of ISC). There are two arguments we are here and what do we see at ISC.

(1) ISC can provide an international reference framework, a compass function for us for science, the themes it deals with: open science, sustainable development etc. This can be very relevant for us on a national scene. Big global change programs in the 1990s helped to sensitize Swiss scientific communities, and to mobilize funds in Switzerland. Politicians like to hear the good news. An international reference framework, the global voice of science incredibly helps to keep dialog of science and politics. There are other organizations, but linking science to the UN system is important.

(2) The question is now: how did we perform? In terms of policy issues, ISC is in a better shape than it used to be; has incredibly increased its presence. This is *per se*, an asset for science. We have to be everywhere. Many people trust science, but do they listen? To listen, you have to be present. The ISC has made a step forward here. It is not true that this aspect had not been sorrowfully discussed – especially in France two years back. It is important to aim for quality and to have good consistencies who are our members. That's crucial.

Certainly we would organize the ISC in a different way from Switzerland. Scientists tend to deal extensively with themselves and with our structures, but the world is going on, and we have to deal with this. To me, the ISC we have today is the best we have. If we want it to perform, we have to contribute. My organization is trying what we have always done: mobilize scientific expertise, recruit top scientists to contribute, and this works quite well. We also try to provide resources. We hosted for many, many years, the committee for the freedom and responsibility in the conduct of sciences and other things. Currently we're trying to support ISC in its networking in the UN system in Geneva. My urge is: of course, we have to look critically at the ISC, but not complain too much and rather think how we can help to improve it.

Tarmo Soomere thanked everybody for the fruitful discussion and announced a short break, with no coffee, to set up the keynotes

## Part II: Addressing Challenges

**15:00** Introduction to three key topics and workshops of the day

**15:05 – 15:30** Key presentation 1: Challenges of Artificial Intelligence

*Professor Amos Storkey, University of Edinburgh*

### **Amos Storkey Challenges of Artificial Intelligence**



Amos Storkey is Professor of Machine Learning and Artificial Intelligence in the School of Informatics, University of Edinburgh. He completed his undergraduate studies in Mathematics at Trinity College, Cambridge, moving into Neural Networks for his PhD (Imperial College, 1995-1998). He has continued research in AI methodology and applications ever since.

Amos Storkey founded and leads the Bayesian and Neural Systems Group in Edinburgh, focusing on understanding and developing deep learning and AI capability, handling continual online learning and domain shift, finding ways of making AI methods much more efficient, and moving towards a distributed user-centric AI. He has collaborated on projects applying AI techniques to various fields, including medical imaging, physics, astronomy, computational neuroscience, and geosciences. He is a fellow of the ELLIS Society and has served as director of the EPSRC Centre for Doctoral Training in Data Science. He is current director of the EPSRC Centre for Doctoral Training in Machine Learning Systems. His past roles include serving as Programme Chair for the AISTATS (the AI and Statistics conference) and Associate Editor for the IEEE Pattern Analysis and Machine Intelligence, as well as the Journal of Machine Learning Research.

See the presentation and slides at the ISC European Members website:  
<https://euro-isc.org/wp-content/uploads/2025/04/Amos-Storkey.-20241121.pdf>

**15:30 – 15:55** Key presentation 2: Building capacity for evidence-informed policymaking in governance and public administration in a post-pandemic Europe,  
*Alexandra Olajos-Szabó, Policy Analyst,*  
*European Commission Joint Research Centre*

**Alexandra Olajos–Szabó      Building Capacity for Evidence-Informed Policymaking in Governance and Public Administration in a Post-Pandemic Europe**



Alexandra Olajos–Szabó is a policy analyst at the European Joint Research Centre. She has contributed to various initiatives in regional development and smart specialization strategies in less developed regions of the EU, with a particular focus on Hungary. She graduated from Corvinus University with a degree in Management and International Economics. She participated in the university's comprehensive research on the competitiveness of domestic companies, writing her thesis on the analysis of the research's business ethics and CSR section. Alexandra gained extensive organizational experience through her work with both small and large domestic companies, as well as non-profit organizations. Her international experience spans Europe and the United States. She has served as an expert for the European Parliament and the European Commission.

See the presentation and slides at the ISC European Members website: <https://euro-isc.org/wp-content/uploads/2025/04/Alexandra-Olajos-Szabo.-20241121.pdf>

**15:55 – 16:20** Key presentation 3: The challenge of Reclaiming Europe

*Dr Helen Eenmaa, President of the Young Academies Science Advice Structure YASAS, Associate Professor of Governance and Legal Policy, University of Tartu*

## **Helen Eenmaa      Reclaiming Europe**



Helen Eenmaa (LL.M., J.S.D., Yale Law School) is the President of the European Young Academies Science Advice Structure (YASAS), an independent formal network of nearly all Young Academies of Sciences in Europe (Belgium, Denmark, Estonia, Finland, Germany, Hungary, Ireland, Israel, Italy, the Netherlands, Norway, Poland, Romania, Scotland, Spain, Sweden, Switzerland, Slovenia, United Kingdom, the Young Academy of Europe, and the Global Young Academy). She also serves as a board member of SAPEA, a consortium of European Academies of Sciences networks providing independent research-based advice to the European Commissioners.

Helen is an Associate Professor of Governance and Legal Policy at the University of Tartu, Estonia, and a member of AcademiaNet led by the Swiss National Science Foundation. She specialises in legal and moral philosophy, private law theory, law and economics, and technology law. She has also worked as a lawyer at the European Parliament and the UN Security Council and published in international law. For more information please visit: [Helen Eenmaa | CV](#)

Helen Eenmaa did not use slides during her presentation.

See the original text of the manifest Reclaiming Europe and the list of first signatories at: <https://akadeemia.ee/wp-content/uploads/2024/02/reclaiming-europe.pdf>

### **Workshops**

- Breakout session 1: Artificial Intelligence, Professor Amos Storkey (Room A)
- Breakout session 2: Shaping Science Advice Systems, Alexandra Olajos-Szabó (Room B)
- Breakout session 3: Towards Reclaiming Europe, Dr Helen Eenmaa (Room C)

### **Discussion in the Main Meeting Room**

The Message from the European Group Members

Tarmo Soomere asked the session leaders to shortly present the core outcome of their breakout sessions. The issue of energy supply and energy security seemed to need no specific handling by the group.

Alexandra Olajos–Szabó provided a short overview of the discussion that focused on science for policy. A lot can be done from the side of the scientists to reach policy impact. The scientific community needs to recognize more the policy impact avenue of the scientific activity, similar to the research publication avenue. To reach out to policymakers in a timely and constructive way, scientists need to be trained more about the policy making cycle and how scientific

evidence and input can be channelled to this cycle. The scientific input to the policy makers needs to be channelled at different levels of public administration and also in politics. It is crucial to have timely and clear communication on both sides.

An important issue is how informal dialogs can be institutionalized. There are good examples from Switzerland. The dialog between scientists and policy makers needs to be well coordinated. A core conclusion is that trust between scientists and policy makers need to be reinforced.

Tarmo Soomere recommended that one of the core recommendations of the group could be that other countries should use the experience from Europe in shaping science advice, both successes and failures. Advice to the government in a sharp and contrast manner may have adverse consequences. For example, the Academia of Sciences of Nicaragua was shut down after doing so. It is necessary to have a discussion, not simply to declare what needs to be done. He also noted the conjecture of the AI discussion: the legal aspects of AI are almost unregulated and help of scientists is urgently needed in this aspect.

Helen Eenmaa summarised that the discussion group recognised the need of addressing the principles of reclaiming Europe in relation to European competitiveness and the necessity of bringing Europe as a whole together.

Tarmo Soomere proposed to formulate the message as follows: strong gradients are always a burden for development, and they should be avoided and mitigated as much as possible. Fragmentation and diversity may have similar appearance, but they work completely differently. It is nice to have differences between countries and regions. They are a pillar of competitiveness. However, strong gradients are a problem.

It was recommended for the ISC to contribute into development of different frameworks and to support large scale facilities in Europe. We all agreed that such cooperation is absolutely necessary.

The recommendations for the ISC should be scalable to the global level. European experience in building transnational, large scale facilities as well facilitating access could be a good example for other continents. In some areas there are only one or two facilities in the entire world, and this could lead to discrimination.

It makes sense to stress that Europe has both good and bad examples, and it's sometimes even more important to speak about bad examples. This does not bring direct benefit but often avoids loss of major assets. Success stories are nice, but most of them are not scalable and/or repeatable, but failures are typically generic. Europe is lagging behind some superpowers in the world. To change the situation, is it necessary to adjust the mindset. Academies and those who finance science must be on forefront of changes,

Tarmo Soomere thanked once more to the keynote speakers and leaders of discussions in breakout rooms and noted that the messages to the ISC General Assembly will be finalized after having information from Vanessa McBride about ISC actions.

### **PART III: Networking dinner**

**18:30 – 20:30** Dinner at Academy Club Villa, main building

Intervention by Professor Per Strömberg, Vice President of the Royal Swedish Academy of Sciences

## PART IV: Elections. Friday, 22 November 2024

### Introduction to the Day

The Chair Tarmo Soomere opened the meeting and noted that the mandate of all leaders of the ISC European Members is expired. Therefore, it is necessary to elect a Host Country and all members of the Management Group, except the past chair. He also noted that the Ambassador of Estonia, H.E. Mr Toomas Lukk will provide his message after coffee break.

Another important task is to formulate the messages of the European Group to the ISC General Assembly in Oman, January 2025.

#### The following procedures were proposed for the voting process:

- Voting on the Approval of the 2023 Annual Meeting Minutes: Open voting by raising hands (on-site or online).
- Voting for Electing Host Country: Open voting by raising hands (on-site or online).
- Voting for Electing Management Group Members: Method: Secret electronic voting using the Election Runner program.
- Voting on Amendments to the Statutes and Rules of Procedure: Open voting by raising hands (on-site or online).

This proposal was unanimously approved (Open voting: 18 votes for, 0 votes against, 0 votes abstained).

Voting Results Requirements: Decisions will be deemed official if they receive a simple majority (more votes in favour than against).

#### For the election of the Host Country:

- The candidate with the highest number of votes will be elected.

#### For the election of the Management Group Members:

The five candidates with the highest number of votes will be elected.

To be elected, candidates must secure votes from more than 50% of the voters.

### *Elections of the Host Country*

- Introduction of Candidate and Future Plans: Estonia

Tarmo Soomere noted that no application for taking over the duties of host organization had arrived by the deadline. In this situation, the Estonian Academy of Sciences as the host, chairing organization, and himself as the possible Chair, volunteer to continue in these roles for some time. The limitation is that his presidency in the Academy ends in December 2024. Therefore, it is possibly to foresee to take these duties for only one year.

*Juras Banys* took over the chairmanship for this part of the session.

Tarmo Soomere introduced himself, described shortly his education and professional and scientific career that includes university education in mathematics and two PhD level degrees, one in oceanology from Moscow and another in mathematics from Tartu, spending 20 years in physical oceanography and being now Professor of Coastal Engineering and to some extent also climate scientist. He thanked the Management Board members for inspiring cooperation

and contributions that have made possible to be active in shaping national science advice systems, enter into the field of science diplomacy. He expressed the promise, if re-elected as Chair, to inspire currently less active members to contribute more to the ISC European Group activities.



Professor **Tarmo Soomere** is President of the Estonian Academy of Sciences. Prof. Soomere graduated as a mathematician from Moscow State University in 1980, received a PhD in Oceanology in 1984 and a Doctor of Mathematics in 1992. His scientific interests include theory and modelling of Rossby waves, internal and surface waves, nearshore processes, wave-induced hazards and preventive methods for coastal protection. He became the first Professor of Coastal Engineering in Estonia in 2005 and currently holds the position of Head of the Wave Engineering Laboratory at the Institute of Cybernetics.

In 2002 and 2013 he received the Estonian State Research Award; in 2007 he received the Baltic Assembly Prize; he was declared as Person of the Year 2005 in Estonia by the largest daily newspaper, The Postman, for his contribution to forecasting a flooding triggered by a devastating storm; he was elected to Academia Europaea in 2009; he was nominated as Honorary Professor of James Cook University in 2010; he received the Estonian Science Communication Award in 2011, and was awarded with the 3<sup>rd</sup> class Order of the White Star, an Estonian state decoration, in 2013. Furthermore, he has published more than 200 research papers and many popular articles.

Elected to the Estonian Academy of Sciences in 2007, he has served as its President since 2014, with his term set to conclude in December 2024. In this capacity, he was also a member of the Prime Minister's Research and Development Council and was de facto the country's Chief Science Advisor. Internationally, among many other activities, Tarmo Soomere has drawn attention to the significant contributions of small countries to global scientific collaboration, emphasizing the importance of acknowledging, listening to, and involving these nations to enhance collaboration, foster science advice, and advance science diplomacy.

- Q&A and discussion

*Juras Banys* responded on the behalf of the participants of the meeting and recommended that Tarmo Soomere should be re-elected as the Chair and Estonia as the host country.

- Voting and results

The participants of the Annual Meeting unanimously supported re-election of Tarmo Soomere as the Chair and Estonia as the host country. (Open voting: 18 votes for, 0 votes against, 0 votes abstained.)

### *Introduction of Management Group Candidates*

Tarmo Soomere informed the participants that the Past Chair, Jürg Pfister has sent in an application to resign from this position. He thanked Jürg Pfister for his long-term contribution to the Management Board and for many inspiring ideas during this service.

The mandate of all other management Group members is three years, with possibly one extension. As the mandate of all elected management group members has expired now, we have to elect or re-elect all electable MG members.

The Secretariat received six applications; however the colleague from German Research Foundation withdrew her application. Thus, technically, there is no real competition for the seats.

The candidates were asked to shortly (five minutes) present their background, idea and possible contribution to the ISC European Group. Detailed material about the candidates was distributed to the ISC European Members in the portfolio of Annual Meeting documents.

Candidates presented themselves to the meeting in the alphabetical order.

Candidate 1: Anna Mauranen, Council of Finnish Academies

Candidate 2: Augusta Maria Paci, CNR, Italy

Candidate 3: Ilkay Erdogan-Orhan, TÜBA Turkey

Candidate 4: Manuel De Leon, Spanish Royal Academy of Sciences

Candidate 5: Jūras Banys, Lithuanian Academy of Science

See profiles of candidates in Appendix 2.

*Odile Eisenstein* asked a general question to all candidates, stressing that she was impressed by the quality of the candidates and by what they've done in their field and how they have communicated within and outside of their country. She stressed the importance of questions like: Why are we ISC Europe? What is our mission? How do you interact and with whom? How do we collaborate with several partners? We must understand why we are all together here.

### *Voting and results*

Tarmo Soomere announced secret electronic voting organised using the *Election Runner* system and reminded the instructions of voting distributed in the portfolio for participants:

A person is eligible to vote if he/she meets one of the following criteria:

1. Being a Management Board Member of an organisation that is a member of the International Science Council.
2. Having a written authorization by his/her organisation to vote on its behalf, provided to the Secretariat by 19 November 2024.

Only one person from each organisation is allowed to vote. Electronic ballots will be sent to your email shortly before the voting process begins at the Annual Meeting.

In total 18 member organisations were registered for voting.

### The results of electronic voting:

Anna Mauranen: 17 votes for, 1 vote against, 0 votes abstained

Augusta Maria Paci: 17 votes for, 1 vote against, 0 votes abstained

Ilkay Erdogan-Orhan: 15 votes for, 2 votes against, 1 vote abstained

Manuel De Leon: 17 votes for, 1 vote against, 0 votes abstained

Juras Banys: 17 votes for, 1 vote against, 0 votes abstained

Thus, based on the agreed voting procedure and threshold for being elected, all five candidates were elected to the Management Board.

## Amending the Statutes of European Members of the ISC

Tarmo Soomere noted that the existing Statutes (that has been last time slightly modified by the virtual 2021 Annual Meeting of the European ISC Members) have been working nicely. There is however a need to update several minor issues to ensure more flexibility in routine procedures, such as the organisation of the Annual Meeting, and to clarify certain ambiguities. The recommended changes have been discussed with the Management Group. They include: (i) explicitly defining who has the right to invite guests and observers (e.g., to the Annual Meeting), (ii) determining whether it is reasonable and meaningful to include a member from the ISC management structure into the Management Group, and if we decide so, specifying his/her term of office, (iii) specifying more clearly the Past Chair's term of office and (iv) distinguishing *ex officio* and elected members in order to remove possible ambiguity. An overview of the recommended changes was provided in the meeting portfolio.

Tarmo Soomere proposed that each change should be voted separately, to be sure that the changes reflect the clear majority of the members. This proposal was unanimously approved.

All proposed changes and their possible implications were discussed in detail.

(1) It was agreed that item 3.4 should be formulated as follows: "The Member Organisation that hosts an Annual Meeting is responsible for organisation and practical arrangements, including the invitation of guests and observers, with the Chair acting in consultation with the Management Group."

(2) It was agreed that item 5.2 should contain an option of inviting one member from the ISC Governing Board into the Management Board of the ISC European Members, and subitem "e. optionally one (1) invited member from the ISC Governing Board;" should be added to this item, but with clear restriction of who has the mandate to invited and for the term of the invited person, formulated in Item 5.4 as follows: "and the term of the invited member from the ISC Governing Board is decided by the Annual Meeting".

(3) It was agreed that the term for the Past Chair should be "until the next change of the host organisation" instead of unnecessarily restrictive "is three (3) years".

(4) It was agreed to use the word "regular Management Board members" for those MG members that are elected into the MG and not *ex officio* members; for brevity and clarity. Doing so means including the word "regular" into subitem 5.2c; Item 5.5 and 5.6.

The full text of the amended Statutes is as follows:

## European Members of the International Science Council Statutes and Rules of Procedure

### 1. Establishment and Membership

- 1 The European Members of the International Science Council (ISC; hereafter: European ISC Members) is an informal group that comprises the Member Organisations of the ISC in Europe;
- 2 Membership is open to all such ISC Member Organisations.

### 2. Objectives

The European ISC Members:

- 1 Ensure the inclusion of the interests and priorities of the European science community in the strategic planning of the ISC;
- 2 Foster their participation in the global activities and programmes of the ISC to mutual benefit;
- 3 Facilitate communication between the ISC Secretariat and relevant national bodies.
- 4 Coordinate their activities.

### 3. Annual Meeting

1 The Annual Meeting is the highest decision-making body and can take the following decisions, in particular

- a. Approve activities;
  - b. Elect a Member Organisation that hosts the European ISC Members by providing the Chair and Secretariat;
  - c. Elect the Management Group members;
  - d. Amend the present Statutes and Rules of Procedure;
- 2 Representatives of the ISC Secretariat can be invited to attend as observers;
- 3 Decisions may be arrived at entirely or in part by electronic means;
- 4 The Member Organisation that hosts an Annual Meeting is responsible for organisation and practical arrangements, including invitation of guests and observers, with the Chair acting in consultation with the Management Group.

#### **4. Chair and Secretariat**

- 1 The Member Organisation, which serves as host, coordinates the activities of the European ISC Members;
- 2 The host organisation provides the Chair and the Secretariat;
- 3 Under the guidance of the Chair, the Secretariat provides support for Annual Meetings and for the Management Group;
- 4 The staff of the Secretariat is appointed by the host organisation;
- 5 The term of office for the host organisation is three years, with the possibility for one (1) extension.

#### **5. Management Group**

- 1 The Management Group prepares the agenda of and implements decisions taken by Annual Meetings, and it initiates activities as appropriate to realise the objectives of the European ISC Members;
- 2 The Management Group is composed of members with voting rights as follows:
  - a. 1 Chair from the Member Organisation that hosts the European ISC Members;
  - b. 1 representative from the Member Organisation that precedes as host organisation (hereafter: Past Chair);
  - c. 5 representatives from different Member Organisations (hereafter: regular Management Group Members);
  - d. 1 Secretary from the Member Organisation that hosts the European ISC Members (ex officio);
  - e. optionally one (1) invited member from the ISC Governing Board.
- 3 Additional officers from the host organisation of the European ISC Members may attend Management Group meetings as observers;
- 4 The term of office for the Past Chair until the next change of the host organisation, that of regular Management Group Members three (3) years, with the possibility for one (1) extension, and the term of the invited member from the ISC Governing Board is decided by the Annual Meeting.
- 5 A European ISC Member can be represented by a regular Management Group Member for up to two consecutive terms of office;
- 6 Vacancies that should arise among regular Management Group membership during a term of office remain open to the end of the three-year cycle;
- 7 Terms of office that are not completed count as full terms of office;
- 8 The Management Group meets as often as necessary, but at least once a year in addition to Annual Meetings of the European ISC Members;
- 9 Management Group meetings require a quorum of a minimum of 50 percent of the total number of voting members;

10 Management Group decisions may be arrived at entirely or in part by electronic means;

11 The Management Group may set up ad hoc working groups as appropriate.

#### **6. External relations**

The European ISC Members cooperate with other relevant organisations, at a European level in particular.

#### **7. Finances**

1 Unless explicitly arranged otherwise, European ISC Members bear the costs of their representatives for participating at Annual Meetings and at Management Group meetings;

2 The host organisation bears all costs of the Secretariat;

3 The host organisation of an Annual Meeting bears all expenses for meeting facilities and catering;

4 Any decisions taken by Annual Meetings or by the Management Group shall have no financial bearings on the European ISC Members.

*Adopted by the Annual Meeting of the European ISC Members on 22 November 2024.*

**H.E. Mr Toomas Lukk, Estonian Ambassador to Sweden**



Estonian Ambassador Toomas Lukk graduated from the University of Tartu in the specialty of geography. He has worked at the Estonian Academy of Sciences, and since 1993 he has been employed by the Ministry of Foreign Affairs. From August 2002 to September 2006, Lukk was the Ambassador of Estonia to Latvia, and thereafter the Director of the Eastern Europe and Central Asia Office. Since 2008, he was the Estonian Ambassador to Georgia and Armenia, residing in Tbilisi. From 2012, Toomas Lukk was the Estonian Ambassador to China, Mongolia and Vietnam, based in Beijing. Between 2016 and 2018, the Ambassador worked as the Director of the Asia, Africa, Australia and Latin America Office of the Political Department. In 2018–2022 he served as Ambassador of Estonia to Canada and from 2022 Toomas Lukk is Ambassador of Estonia to Sweden.

Toomas Lukk stressed that our region was enjoying the dividends of peace for decades after the collapse of Soviet Union but the situation has changed now, and the European security architecture must change as well. This challenge does not come alone. We have other serious challenges to address, from climate change and a variety of environmental disasters up to pandemics like COVID. Sadly, not all countries in the world understand how serious is anthropogenic pressure on nature, resulting not only in the impact of pollution but also in the loss of biodiversity. In this context, the recent developments in the field of mid-range nuclear weapons are even more threatening. This is a matter of survival of our planet and one should even not think of any possibility of using nuclear weapons.

Science and science diplomacy have huge role in keeping common sense. Unfortunately it is often difficult to understand scientific reports. Such reports should be really practical and universal in terms of understanding. For our region, Arctic issues matter as we are at the border of the Arctic. This region is extremely complicated, also politically, and science and science diplomacy have great role here.

The Actions and Challenges of the ISC, Dr Vanessa McBride, Science Director

**Vanessa McBride: The Actions and Challenges of the ISC**



Vanessa McBride is the Science Director, and the Acting Head of the Centre for Science Futures in the International Science Council. Vanessa has a PhD in Astronomy from the University of Southampton. She has over fifteen years of experience, including various leadership roles, across university, research infrastructure and science-for-development settings in an international arena. She joins the ISC from the International Astronomical Union’s Office for Astronomy for Development, where she bridged the gap between the academic astronomy and development communities. Vanessa brings a passion for science and

society, a perspective from the global south, and a connection with the member organisations of ISC.

See the presentation at the ISC European Members website: [https://euro-isc.org/wp-content/uploads/2025/04/mcbride\\_update-to-European-members-Nov-2024.pdf](https://euro-isc.org/wp-content/uploads/2025/04/mcbride_update-to-European-members-Nov-2024.pdf)

### *The message for the ISC General Assembly 2025*

Tarmo Soomere noted from the presentation of the Ambassador it became clear that we are needed in diplomacy and in general security aspects. Also, from the presentation of Vanessa McBride it clear that we are not duplicating the activities of ISC global organisation. While ISC stressed the importance of evidence-based decision making and informed decision making, our focus on shaping science advice systems. Lack of such a system erodes the competitiveness of countries. While the classic science diplomacy is also in clearly in the agenda of ICS, we try to develop science diplomacy via direct contacts with fellow scientists in other countries. Differently from scientists serving or advising diplomats, we try to address also political issues by science diplomacy. This need is dictated by the extremely complicated situation in our region. The so-called former periphery of Europe happens to be now on the front line of battle of values. Science diplomacy is one of the few ways to change the world without physical conflicts. It is thus reasonable to describe this distinction in our message to the General Assembly.

Tarmo Soomere also asked the acceptance to draw the attention of the General Assembly to one issue that was mentioned on the first day. There are several contact points between research landscape and scientific community in general. Somebody must distribute money, somebody must lobby, somebody must advise, and somebody must protest. You can't combine pairwise those things: if you advise, do not ask for money. ICS is trying to do all those things, which is a kind of Mission Impossible. One organization can do those different things, but doing so must be very clearly structured and framed. It thus may make sense to tell the General Assembly that there is need of framing much more exactly what different ICS channels are doing. Otherwise, the efforts will be pretty much in vain. Of course it must be formulated in a professional manner.

Another point might be to say that the ISC leadership seems to be too far from members. This is typically what happens with large organizations.

The idea is having a short letter, with a few bulleted points, not a declaration, just a note, less than one page. It was proposed to produce and circulate a short draft by Christmas.

### *Next ISC European Members' Annual Meetings*

Tarmo Soomere noted that the management board is wishing that the European Members move closer to other networks of academies or research councils. An option is to have the Annual Meeting back-to-back, for example, with the ALLEA General Assembly. Thus, might be possible in 2026. About half of ISC delegates are also delegates to the ALLEA. The Science Day could be organised jointly, also reflecting our interests, then we only need 2–3-hour business meeting, and we save one long travel.

The 2025 Annual Meeting should still be organised separately. We have emerging tradition to organise it every second year in a less known country. Last year it was Montenegro and this year we are in the heart of Europe. Even though the travel might be not so easy, it is good to engage countries who are not very active yet.

It was proposed not formalise this idea as a decision and to explore options before making the decision. A suitable time is in September. All proposals are welcome.

**Any other business**

No other business was initiated.

**Wrap-up**

Tarmo Soomere once more thanked the host for their excellent hospitality and closed the meeting.

## List of Meeting Participants

Voting eligibility is indicated in bold

<b>NO</b>	<b>FIRST NAME</b>	<b>LAST NAME</b>	<b>ORGANISATION</b>
1.	Tudor	Braniste	Academy of Sciences of Moldova
2.	Zenonas	Dabkevičius	Lithuanian Academy of Sciences
3.	<b>Manuel</b>	<b>de León</b>	<b>Spanish Royal Academy of Sciences</b>
4.	<b>Odile</b>	<b>Eisenstein</b>	<b>Académie des Sciences</b>
5.	Ilkay	Erdogan Orhan	Turkish Academy of Sciences (TÜBA)
6.	<b>Neki</b>	<b>Frashëri</b>	<b>Academy of Sciences of Albania</b>
7.	Olga	Golke	German Research Foundation
8.	<b>Hans Petter</b>	<b>Graver</b>	<b>Norwegian Academy of Science and Letters</b>
9.	<b>Alex</b>	<b>Hulme</b>	<b>Academy of Medical Sciences, UK</b>
10.	Ágúst	Ingthórsson	Rannís - Icelandic Centre for Research
11.	<b>Ari</b>	<b>Laptev</b>	<b>Royal Swedish Academy of Sciences</b>
12.	Antonio	Lo Porto	Consiglio Nazionale delle Ricerche (CNR), Italy
13.	Oscar	Lucia	Young Academy of Spain
14.	César	Manrique Milla	Académie des Sciences
15.	<b>Arto</b>	<b>Miettinen</b>	<b>Council of Finnish Academies</b>
16.	<b>Zuzana</b>	<b>Panczová</b>	<b>Slovak Academy of Sciences</b>
17.	Roger	Pfister	Swiss Academy of Sciences SCNAT
18.	<b>Jörg</b>	<b>Schneider</b>	<b>German Research Foundation</b>
19.	<b>Ljubisa</b>	<b>Stankovic</b>	<b>Montenegrin Academy of Sciences (online)</b>
20.	<b>Nicolae-Victor</b>	<b>Zamfir</b>	<b>Romanian Academy</b>
21.	<b>Ion</b>	<b>Tiginyanu</b>	<b>Academy of Sciences of Moldova</b>
22.	<b>Gabriella</b>	<b>Verbovszky</b>	<b>HUN-REN HQ (online)</b>
23.	Dragan	Vukcevic	Montenegrin Academy of Sciences and Arts
24.	Ruth	Cooper	Royal Society (online)
	MANAGEMENT GROUP		
25.	<b>Augusta Maria</b>	<b>Paci</b>	<b>Consiglio Nazionale delle Ricerche (CNR),</b>
26.	<b>Anna</b>	<b>Mauranen</b>	<b>Council of Finnish Academies</b>
27.	<b>Jürg</b>	<b>Pfister</b>	<b>Swiss Academy of Sciences SCNAT</b>
28.	<b>Tarmo</b>	<b>Soomere</b>	<b>Estonian Academy of Sciences</b>
29.	<b>Jūras</b>	<b>Banys</b>	<b>Lithuanian Academy of Sciences</b>
	TEAM		
30.	Kerlin	Remmel	Estonian Academy of Sciences
31.	Terje	Tuisk	Estonian Academy of Sciences
32.	Margit	Lehis	Estonian Academy of Sciences

33	Heléne	Sundström	Royal Swedish Academy of Sciences
34	Pierre	Schlichtmeier	Royal Swedish Academy of Sciences
	PRESENTERS		
35	Amos	Storkey	University of Edinburgh
36	Helen	Eenmaa	President of YASAS
37	Vanessa	McBride	Science Director, ISC
38	Alexandra	Olajos-Szabó	Policy Analyst, European Commission
	GUESTS		
39	Toomas	Lukk	Estonian Ambassador to Sweden
40	Per	Strömberg	Royal Swedish Academy of Sciences

## Appendix 1. Practical info on the venue

### THE ROYAL SWEDISH ACADEMY OF SCIENCES



The Royal Swedish Academy of Sciences was founded in 1739 and is an independent organisation, whose overall objective is to promote the sciences and strengthen their influence in society. The current president of the Academy is Birgitta Henriques Normark.

The Academy promotes science of the highest quality by fostering development and innovation in Swedish research. It enhances the status of

science in society by drawing attention to key social issues and examining them in scientific terms, and joins in cooperation on global issues, with the aim of being an international scientific proponent of sustainable development.

The Academy consists of approximately 480 Swedish and 175 foreign members, who together represent the country's foremost expertise in the sciences.

The Academy's members are divided into ten scientific disciplines, called classes (*class for mathematics, physics, chemistry, geosciences, biosciences, medical sciences, engineering sciences, social sciences, humanities and for outstanding services to science*). They are also involved in the Academy's committees that initiate investigations, provide responses to consultations, organise conferences and seminars. The members are also involved in the processes of selecting candidates for the Academy's prizes, among which the Nobel Prizes in Physics and Chemistry are among the most famous. For more information please visit: <https://www.kva.se/en/>

## PRACTICAL INFO ON THE VENUE



Host & meeting venue: The Royal Swedish Academy of Sciences, Lilla Frescativägen 4A, SE-114 18 Stockholm | <https://www.kva.se/en/>

### Contact:

Kerlin Remmel, ISC European Members Secretary, phone +372 516 1308, email [kerlin.remmel@akadeemia.ee](mailto:kerlin.remmel@akadeemia.ee) (Estonian Academy of Sciences)

### TRAVEL TO STOCKHOLM

For international flights, [Arlanda Airport](#) in Stockholm is the preferred choice. To travel from Arlanda Airport to the centre of Stockholm, you can use either a taxi or public transportation, which includes both bus and train options.

#### Taxi from Arlanda Airport to Central Stockholm

You can take a taxi from Arlanda Airport. Please use only the official taxi providers located at Terminals 2 and 5. The ride to the city centre takes about 40 minutes and costs around €60 (about 700 SEK). More information: <https://www.swedavia.com/arlanda/taxi/>

#### Buses from Arlanda Airport to Central Stockholm

Flygbussarna buses leave Arlanda Airport every 15 minutes. The trip to central Stockholm takes about 50 minutes. You can buy a ticket online (cheapest option), at the airport, or on the bus. The ticket is valid for any bus, in either direction. One-way ticket: 129 SEK (about €12), round-trip ticket: 209 SEK (about €19, online price). More information: <https://www.flygbussarna.se/en>.

#### Train from Arlanda Airport to Central Stockholm

The Arlanda Express train leaves every 15 minutes and takes about 20 minutes to reach the centre of Stockholm. One-way ticket: 340 SEK (about €30), round-trip ticket: 640 SEK (about €57). More information: <https://www.arlandaexpress.com/>

You can install the SL App from Google Play on your phone. It is called "**SL-Reseplanerare och biljetter**," which means "SL Journey Planner and Tickets." With this app, you can buy tickets and plan your trips. There are different types of tickets available: single tickets, 24-hour and 72-hour tickets.

#### Taking the Subway to the Academy:

Take the subway line (T) 14 from "**T-Centralen**" towards "**Mörby Centrum**" and get off at the station "**Universitetet**." Then get off and walk for about 3-4 minutes to the Academy.

[You can find the map here.](#)



#### **HOTEL LOCATIONS**

Below, please find information for four hotels and suggestions for transport to get there: *Mornington Hotel Stockholm City, Elite Hotel Stockholm Plaza, HOOM Park & Hotel in Solna, and Hotel Scandic Järva Krog also in Solna.*

##### **Mornington Hotel Stockholm City**

Website: <https://mornington.se/Stockholm>

##### From the City Centre to the Mornington Hotel

Take subway line (T) 13 or 14 from "T-Centralen" to "Östermalmstorg." This ride takes about 3 minutes. Get off at the station Nybrogatan/Östermalmstorg. From Östermalmstorg station, walk 10 minutes to the hotel. [See the map here.](#)

##### **Elite Hotel Stockholm Plaza**

Website: <https://www.elite.se/en/hotels/stockholm/elite-hotel-stockholm-plaza/>

Take subway line (T) 13 or 14 from "T-Centralen" to "Östermalmstorg." Use the exit for Birger Jarlsgatan. Walk 6 minutes to the hotel. [See the map here.](#)

#### Travelling between the hotels and the Academy:

To the Academy: Take Subway Line 14 towards Mörby.

To the Centre of Stockholm: Take Subway Line 14 towards Fruängen.

Mornington Hotel Stockholm City:

Take Subway Line 14. The stop for the Royal Swedish Academy of Sciences is "Universitetet." The stop for Mornington Hotel is "Stadion."

For more information, visit this link: [Subway Line 14.](#)

Elite Hotel Stockholm Plaza:

Take Subway Line 14. The stop for the Royal Swedish Academy of Sciences is "Universitetet." The stop for Elite Hotel Stockholm Plaza is also "Stadion."

For more information, visit this link: [Subway Line 14.](#)

##### **HOOM Park & Hotel in Solna**

##### **Hotel Scandic Järva Krog in Solna**

Both hotels can be easily accessed by taxi (shorter trips).

You can also use bus no 540.

To the Academy: Take Bus 540 towards "Universitetet" and get off at the same stop "Universitetet."

To the hotels: Take Bus 540 towards "Tensta centrum" and get off at the stop "Ritorp."

For more information, please see the links:

[BUS no 540 to hotel HOOM](#)

[Bus no 540 to hotel Järva Krog](#)

### **Airport Transfer (departure)**

A taxi from the Academy to the airport takes about 30 minutes. On Friday afternoon, because of more traffic, it may take about 45 minutes.

The Academy team can help you book taxis. You can also use mini vans that council members can share to go to the airport from the Academy.

You can also plan your trip back using the subway and bus/train, as mentioned above.

## Appendix 2. Candidates to the Management Group

### Anna Mauranen, Council of Finnish Academies



Professor, University of Helsinki

PhD, English Linguistics, University of Birmingham (1992)

ORCID/org/0000-0002-7154-9530

#### **Main posts held**

2017- Professor, Research Director, University of Helsinki;

2005- 2017 Professor of English Philology, University of Helsinki;

2010 Visiting Professor, Copenhagen Business School

1999-2005 Professor of English Philology, University of Tampere;

1998-1999 Professor of English, Translation studies, University of Joensuu;

1995-1998 Associate Professor of English, Translation studies, University of Joensuu;

1994-1995 acting Professor of English, Translation studies, University of Tampere;

#### **Positions of trust**

##### *Academic leadership positions*

2014-2017 Vice-President, University of Helsinki

2010-2013 Dean, Faculty of Arts, University of Helsinki

2007-2009 Vice-dean, Faculty of Arts, University of Helsinki

2001-2005 Director, School of Languages and Translation Studies, University of Tampere

##### *Academic positions of trust*

2020-2021 The Finnish Academy of Science and Letters, President

2018-2019 The Finnish Academy of Science and Letters, Vice-President

2018-International Science Council, European Management Group member

2018-Council of Finnish Academies, Chair of the Committee for International Affairs

2013-2015 LERU SSH Community Steering Group member

2005-2013 Board Member, AFinLA (Association Finlandaise de Linguistique Appliqué) 2007-

2009 Chair of Advisory Board, Research Institute for the Languages of Finland

1996-2002 Executive Board member of AILA (the International Association of Applied Linguistics);

2001-2003 President of The Finnish Society for the Study of English;

1997-1998 President of AFinLA (Association Finlandaise de Linguistique Appliqué)

#### **Duties as academic expert**

*Evaluating research and institutional quality outside home university*

Research evaluation, University of Jyväskylä, 2023  
Evaluation of English in Higher Education, Israel, 2018  
Evaluation of English research in Higher Education, Italy, 2012  
Evaluation of English in Higher Education, Sweden, 2004

*Evaluating promotion and professorial appointments outside home country*

Masaryk University, Brno (2024)  
Hong Kong Polytechnic University (2023)  
Lancaster University (2021)  
University of Vienna (2011; 2020)  
Goldsmith University London (2018)  
University of Hong Kong (2017)  
University of Southampton (2015; 2016)  
King's College London (2012)  
Old Dominion University, U.S.A (2012)

*Evaluating major research grant applications outside home country*

European Research Council 2024  
Deutsche Forschungsgemeinschaft 2023, 2024  
Research Grants Council of Hong Kong 2008- 2010; 2015- 2016; 2018; 2020; 2022  
Austrian Science Foundation 2020  
Luxembourg Science Council 2019  
Swiss National Science Foundation 2014, 2015  
Leuven University 2014  
Danish Research Council for Independent Research, 2010, 2012  
Israel Science Foundation 2010, 2011  
Riksbankens Jubileumsfond, Sweden, 2008; 2009; 2010

**Journal editorship**

2021- Annales Academiae Scientiarum Fennicae – Editor  
2014 - 2021 Applied Linguistics – Editor  
2011- 2014 Journal of English as a Lingua Franca – Editor

**Editorial board memberships**

2023 – CERLIS Series  
2022- Ibérica  
2017- 2022 Register Studies 2017- Revista de Lenguas para Fines Específicos  
2013 - Iranian Journal of Language Teaching Research  
2011- European Journal of Applied Linguistics  
2008- Nordic Journal of English Studies  
2006- International Journal of Applied Linguistics  
2004-International Journal of Corpus Linguistics  
2003-Studies in Corpus Linguistics  
1997-2016 Languages in Contrast  
2005-2008 TESOL Quarterly  
1992-2022 English for Specific Purposes

**Awards and honours**

Doctor honoris causa: Norwegian Business School, 2017.  
Fellowship: Diamond Jubilee Fellowship; University of Southampton, 2013-2017

Honorary Member: the Finnish Association of Applied Linguistics, 2018.

First Class Knight of the White Rose of Finland, 2014

Member of the Finnish Academy of Science and Letters, 2009

Docentships: University of Tampere 2005-; University of Joensuu 1999-; University of Jyväskylä 1994-

### **Ten select publications**

#### *Monographs*

Mauranen, A. 2023. *Reflexively Speaking –Metadiscourse in English as a Lingua Franca*. Berlin: DeGruyter Mouton.

Mauranen, A. 2012. *Exploring ELF: Academic English shaped by non-native speakers*. Cambridge: Cambridge University Press.

Sinclair, J. & Mauranen, A. 2006. *Linear Unit Grammar*. Amsterdam: John Benjamins.

#### *Edited volumes*

Mauranen, A. & S. Vetchinnikova (eds.). 2021. *Language Change: The impact of English as a Lingua Franca*. Cambridge: Cambridge University Press.

Jenkins, J. & A. Mauranen (eds.) 2019. *Linguistic Diversity on the EMI Campus; Insider accounts of the use of English and other languages in ten universities within Asia, Australasia and Europe* London: Routledge.

Mauranen, A. & Kujamäki, P. (eds.) 2004. *Translation Universals - Do They Exist?* Amsterdam: John Benjamins.

#### *Research articles*

Vetchinnikova, S., Konina, A., Williams, N., Mikušova, N., Mauranen, A. 2023. *Chunking up speech in real-time: Linguistic predictors and cognitive constraints*. *Language and Cognition*. DOI: 10.1017/langcog.2023.8

Anurova, I., Vetchinnikova, S., Dobrego, A. Williams, N., Suni, A., Mauranen, A., Palva S. 2022. *Event-related responses reflect chunk boundaries in natural speech*. *NeuroImage* 255, <https://doi.org/10.1016/j.neuroimage.2022.119203>

Mauranen, A. 2021. *ELF and Translation as Language Contact*. In Mauranen, A. & S. Vetchinnikova (eds.). *Language Change: The impact of English as a Lingua Franca*. Cambridge: Cambridge University Press. 95-122.

Mauranen, A. 2018a. *Second language acquisition, World Englishes, and English as a Lingua Franca (ELF)* *World Englishes* 37:106–119



THE COUNCIL OF FINNISH ACADEMIES

**Tarmo Soomere**  
President of the Estonian Academy of Sciences  
Chair of the European Members of the International Science Council

Helsinki, June 12, 2024

**Nomination of Professor Anna Mauranen**

With this letter, the Council of Finnish Academies nominates Professor Anna Mauranen as a candidate to the Management Group of the International Science Council European Group.

Professor Mauranen has an extensive experience in academic leadership and she continues to have an influential position in steering scientific organizations. Professor Mauranen is the Chair of the Committee for International Affairs of the Council of Finnish Academies.

Enclosed Curriculum Vitae and consent from Professor Anna Mauranen.

Sincerely,

Professor Mikko Hupa  
Chair of the Executive Committee  
Council of Finnish Academies, CoFA

Dr. Arto Miettinen  
Academy Secretary  
Council of Finnish Academies, CoFA

**Augusta Maria Paci, Italian National Research Council CNR**



**Curriculum Vitae Augusta Maria Paci**

**Personal Information**



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Surname and Name	<b>Paci Augusta Maria</b>
Address	via Spalato, 11 - 00198 Rome - Italy
Telephone	+39 3356549714 590
E-mail	augustamaria.paci@cnr.it
Nationality	Italian
Born date	5 May 1954
Gender	F
Biosketch.Profile	. Retired 1 st march 2020, dr. Augusta Maria Paci is Associate CNR Technology Director –Organization and management area, competence area Knowledge and Information Management at the Chemistry research Institute ICCOM-CNR based at Sesto Fiorentino, Firenze. Since 2019, dr. Paci is the ISC Italian Alternate Delegate of CNR, National Member of ISC appointed for the second turn in 2024 by the President of CNR.
Vision	Dr Paci contributes to a broad vision in scientific research, including inter- and multi-disciplinary research and analysis of R&I impacts. She holds a wide international and European professional experience in scientific and managerial activities related to scientific research of the Framework Programme. Dr. Paci held responsibilities in various aspects of scientific research: the coordination of EU R&D&I projects, the science advise of EU Advisory Boards for strategic programming and technology agenda, the collaboration in scientific international relations, at EU, Global and Bilateral level for strategic S&T activities. Details of dr. Paci past activities are reported in the annex. Since 2020, Dr. Paci’s dedicated full commitment to CNR membership to ISC and to Euro-ISC activities. Regarding CNR, which is the country member of this organization since its foundation/, Dr. Paci is fully engaged in the responsibility for the promotion of global ISC within CNR research network. Having participated to the Task Force for the



## Curriculum Vitae Augusta Maria Paci

A pro-active CNR for ISC

CNR expert for ISC

CNR representation in Euro-ISC

Annual Reporting

transformation of ICSU, which marked a milestone in this international non-governmental organism, she successfully support contacts between ISC and CNR delegates of international scientific organizations.

Dr.Paci applies a pro-active approach in developing the ISC “science for policy” actions and believes in outreach initiatives, in thematic collaboration and operational synergies. In particular, from 2020, she participated as ISC Scientific reviewer, nominated by CNR, to the 2023 Global Sustainable Development Report (GSDR 2023 by UNDESA). Then, she involved CNR experts with international profile to participate with the CNR support to the Call for Nomination issued by ISC within the United Nation Framework of Actions (UNWater Conference., IPCC Sustainable Cities)

Together with the Italian Commission of the CNR NAO-IUPAC, successful joint initiatives contributed to enhance also ISC visibility and the important representation of the CNR membership. In particular, in 2022, for the celebration Year of Basic Sciences for Sustainable Development (IYBSSD 2022) launched by United Nations, dr. Paci proposed to realize the joint event held in Como to celebrate Alessandro Volta. This important outreach event “Alessandro Volta's heritage and the great challenges of humanity: the past and the future of electrochemistry” <https://www.iupac.cnr.it/it/> enlarged the international visibility of ISC-IUPAC-CNR. This event communicated the importance of international memberships and of a policy role of science for global issues, for S&T cooperation initiatives and for the emerging challenges of today and in the near future. Sir Peter Gluckmann and IUPAC President Javier Garcia Martinez addressed the audience of students, researchers and institutions with high level video messages to start this institutional local and international event.

Dr. Paci promotes with success the individual expert involvement of CNR researchers into coordinated ISC policy initiatives such as Global Women Breakfast, ISC-IUPAC Global Conversation on Sustainability (Outreach for Sustainability and SDGs and ISC-IUPAC participation to the “Global Conversation on Sustainability” project 2022, repeated 2023 (<https://www.youtube.com/watch?v=sRcIYbfhyKE>)) and to the last ISC Call for the Roster of Experts.

During 2022, dr. Paci in representation of CNR, was appointed Member of the Euro-ISC Management Board. In this role she contributed to the annual meetings and brought her in-depth expertise in science advise of the Advisory Board of the H2020 research programme of the European Union as well as the experience in EU Experts Group for Foresight methods and tools. She participated with suggestions to the London Annual Meeting and actively contributed to the following meeting in Montenegro providing topics and speakers. She is also involved in the preparation of the next annual meeting in Sweden next November 2023 supporting CNR to express the institutional CNR response to the “10 topics survey” and giving support to the Euro-ISC Chair for the participation of interested countries. She is also in contacts with members of the ISC Governing Board and Secretariat. Finally, dr. Paci holds specific competences in foresight methods and tools in international experiences supporting strategic programming of science and technology.

Annual Reporting on ISC activities as Delegate:

- A.M.Paci , Relatrice, 2021 Report on ISC activities Annual Report 2020 (English) 2021 Relazione sull'attività ISC Relazione annuale 2020 (Italiano) <https://www.cnr.it/it/organismo-scientifico-internazionale/18/isc-international-science-council>
- A.M.Paci , Relatrice, 2022 Report on ISC activities Annual Report 2021 (English) 2021 Relazione sull'attività ISC Relazione annuale 2021 (Italiano) <https://www.cnr.it/it/organismo-scientifico-internazionale/18/isc-international-science-council>



## Curriculum Vitae Augusta Maria Paci

### ANNEX: DETAILS of Activities

Retired March 1<sup>st</sup> 2020; CNR Technology Director. Associate to ICCOM-CNR since 2020. ICCOM project resp. dr. Andrea Ienco: Progetto ICCOM-CNR AUTOFINANZIATO DCM.AD004.104 "ChemIstry educAtion & comunicatiOn " CIAO - Area Progettuale DCM.AD004 –CHIMICA VERDE

Technology Director at National Research Council of Italy (CNR) – the highest level in the public organization profile- in the area of organization and management of research institution since 2010. Expert of the European Commission for Framework Programmes director-Coordinator of EU Projects and Member Vice.Chair of Advisory Board Horizon LEIT Programme.

1983 CNR Researcher in the field of scientific information studies, documentation and research and innovation policy. Within CNR - Institute for Industrial Technologies and Automation. Then in the Department of Chemical Sciences and Materials Technologies covering the relations with international organizations.

Three years spent at the CNR International Relations Office.

- In 2019-2022 CNR-President appointment as CNR Deputy to the International Science Council (ISC)
- 2023-26 CNR President appointment to CNR Alternate Delegate to ISC.
- CNR Member elected of the Euro-ISC Group 2022-24.

#### Expert

- ISC Scientific reviewer, nominated by CNR, for the 2023 Global Sustainable Development Report (GSDR 2023 by UNDESA)
- Board Member Meeting Italy and UK on Mesoscience october 2022 UK meeting, Member of the Chinese International Panel "Emerging interdisciplinary research area --- mesoscience" established by Chinese Association of Science and Technology (CAST), National Natural Science Foundation of China (NSFC) and Chinese Academy of Sciences (CAS), 2018-2023
- Invited expert for collaboration activity linking CNR delegates of International organizations from ISC-IUPAC to develop common initiatives within NAO CNR Commission 2019-2021

#### .Concluded EU projects as Project Coordinator or partner

- project of the IUPAC-Committee on Chemical Research Applied to World Needs (CHEMRAWN)project n.2022-018-1-021-  
<https://iupac.org/project/2022-018-1-021/>
- Project ICCOM-CNR DCM.AD004.104 "ChemIstry educAtion & comunicatiOn " CIAO – Green Chemistry
- Partner of the EU Support Action (CSA) InRoad, policy project for European Research Infrastructures
- Project Coordinator of the FP6 Support Action "Leadership" in 2007 in the manufacturing research related technologies.
- Project Coordinator and project partner of EU FP projects within FP3 and FP5 (SESAM, HYPERGUIDE; LEADERSHIP, etc)

#### Selected CNR and International Appointments

- o CNR member of the ISC Transition Task Force (2019)
- o Head of Emerging Production Paradigms Laboratory (EPPLab) of the Institute of Industrial Technologies and Automation of CNR Department of Production Systems;
- o Head of the Unit "Internationalization of Research Activities" (IAR) of the Molecular Design Department .
- o Coordinator - appointed by the CNR President prof. Luigi Nicolais - of the thematic group "Environment" of the Science and Technology Foresight Project (STFP) of the National Research Council (CNR) and the Trieste Area



### Curriculum Vitae Augusta Maria Paci

Science Park Consortium (AREA) and scientific organizer of the Brainstorming of 12-13 nov.2013 held in Rome at CNR

- President Appointment as Coordinator -of the CNR Inter-Departments Task Force for European Strategies 2014-15
- Resp. for Organization of Global Research Council European Regional Meeting held in Rome on 5-6th November 2015 and Report European Statements GRC 2016 Summit;
- Member and Vice-Chair, Co-chair, Rapporteur of the Advisory Board H2020 Leadership Enabling Industrial Technologies NMBP 2016- Directorate General for Research and Innovation, European Commission. 0\*
- Member of the Strategic Foresight for R&I Policy in Horizon 2020 expert group (SFRI), DIRECTORATE-GENERAL FOR RESEARCH & INNOVATION, Directorate A – Policy Development and Coordination A.6 – Data, Open Access and Foresight.
- Resp. of Working Group: Maximizing Impact to elaborate policy inputs to add value to R&D perspectives for European competitiveness. These inputs supported the EC preparation of H2020 Workprogrammes 2016-17.
- Expert for impact criterion 2012 European Commission Directorate General for Research & Innovation Directorate G – Industrial Technologies (protocol RTD-G ND/bd dated 13 April 2012) to develop a questionnaire and to study the Innovation Dimension and the “impact criterion”.

University doctoral degree in Humanities, University of Rome “La Sapienza”, 1978

- Specialization Diplomas in Information Studies at the Special School for Archivists and Librarians of the University of Rome, 1980
- Diploma in Librarianship of the Vatican Library School of Librarianship, 1979
- Winner of a fellowship Grant at Central Library, University of Utrecht, Netherlands..

about 40 Scientific Papers  
 15 Books (including chapters and editorial tasks)  
 35 Conference with Proceedings

**LATEST PUBLICATIONS**

- Borsacchi, S, et al.”. Alessandro Volta e l'elettrochimica come volano per un futuro sostenibile: un evento.IUPAC italiano per l'International Year of\* Basic Sciences for Sustainable Development” *Chimica nella Scuola* 1 – 2023 • ISSN: 0392-8942t
- Guidotti. M., Paci A. M., Peruzzini M. “Collaboration and Synergies in Italy between Science and Society: A Systemic Approach to the Scale of Change for the SDGs” *IUPAC WORLD CHEMISTRY CONGRESS 2021 VIRTUAL. Symposium 13/20-08-2021, Montreal, Canada [ID people: 457205]*.
- Borsacchi S., Bella F., Ienco A., Paci M. A., Peruzzini M., “Un Gioco Globale per Conoscere la Chimica” *La Chimica e l'industria newsletter* 2021, 8, 14 [ID people: 457203]
- Guidotti M., Paci M. A., Peruzzini M., “NAO-CNR: The Italian voice at IUPAC”, *Chemistry International (Print)*, 2021, 43,2 [ID people: 457202]
- M. Peruzzini, M. Guidotti, A. M. Paci, “CNR-NAO: la voce italiana presso la IUPAC”, *La Chimica e l'industria (Online)* 2020, 4,4 [ID people: 431944]
- Bella F., Paci M. A., Peruzzini M., “Avogadro Colloquia 2019: gli elementi della tavola periodica per l'energia”, *La Chimica e l'industria newsletter*, 7,3, [ID people: 457200]
- Peruzzini M., Ienco A., Paci A.M., “Le Scienze Chimiche e la IUPAC: dettagli storici, struttura e funzioni del NAO CNR-IUPAC”, *RENDICONTI*



### Curriculum Vitae Augusta Maria Paci

*DELL'ACCADEMIA NAZIONALE DEI XL, 2019, XLIII [ID people: 457199] Co-author of the EC Report Outreach and Societal Engagement 2018.*

Rome, 4<sup>th</sup> June 2024

Augusta Maria Paci

A handwritten signature in black ink, appearing to read "Augusta Maria Paci".

## Ilkay Erdogan Orhan, Turkish Academy of Sciences

### Prof. Dr. Ilkay ERDOGAN ORHAN

Full Member of Turkish Academy of Sciences (TÜBA), Ankara, Türkiye

**Date of Birth:** September 24, 1972 (Ankara, Türkiye)

**Current Affiliation:** Department of Pharmacognosy, Gazi University, Faculty of Pharmacy (Ankara, Türkiye)



#### University Records:

- **B. Sc. (Pharmacy):** Gazi University, Faculty of Pharmacy (1989-1993)
- **M.Sc. (Pharmacognosy):** Gazi University, Faculty of Pharmacy, Department of Pharmacognosy, Ankara, Türkiye (1993-1996) with scholarship provided by the Scientist Training Group of the Turkish Scientific and Technological Research Council (TUBITAK)
- **M.Sc. (Marine Natural Product Chemistry):** University of the Ryukyus, College of Science, Department of Chemistry, Biology and Marine Sciences, Okinawa, Japan (1996-1998) with Monbusho scholarship provided by the Japanese Ministry of Education
- **Ph. D. (Pharmacognosy):** Department of Pharmacognosy, Faculty of Pharmacy, Gazi University, Ankara, Türkiye (1999-2002)
- **Post-doctoral fellow:** Department of Chemistry, University of Winnipeg, Canada (2003) supported by TUBITAK-NATO fellowship program

#### Administrative Duties

- **Dean:** Faculty of Pharmacy, Eastern Mediterranean University, Gazimagosa, Northern Cyprus (2011 - 2014)
- **Dean:** Faculty of Pharmacy, Gazi University, Ankara, Turkey (2016 - 2024)
- **Advisor to Rector of Gazi University:** Gazi University, Ankara, Turkey (2024 - continuing)
- **Chair:** Deans Council of Pharmacy Faculties in Türkiye (2020 - 2023)
- **Vice President** of the International Scientific Board of Austrian Drug Screening Institute (ADSI) (2021 - to present)
- **President** of Pharmacy Academy of Turkish Association of Pharmacists (2022-2024)
- **Representative** the Phytochemical Society of Europe (PSE) of Southeast Europe & Türkiye (2019-2023)
- **Associate Editor** for Phytomedicine (SCIE, Q1)

#### Memberships and Commission/Committee Duties

- **Full Member:** Turkish Academy of Sciences (TÜBA) (2019 - continues)
- **Full Member:** Islamic World Academy of Sciences (IAS) (2020 - continues)
- **Member:** Fixed Oils (13H) Experts Group in European Pharmacopeia Commission (2011-2016)
- **Member:** Traditional Chinese Medicine Experts Group in European Pharmacopeia Commission (2016-2022)
- **Member** of Board of Specialty in Pharmacy, Turkish Ministry of Health (2018-to present)
- **Member** of Sub-Board of Phytopharmacy Specialty in Pharmacy, Turkish Ministry of Health (2017-to present)
- **Member** of the Advisory Commission on Health Claims, Turkish Drug and Medical Device Agency, Turkish Ministry of Health (2021-to present)
- **Member** of Analysis and Pharmacopeia Consulting Commission, Turkish Drug and Medical Device Agency, Turkish Ministry of Health (2018-to 2021)
- **Member** of Traditional Herbal Medicinal Products Commission, Turkish Drug and Medical Device Agency, Turkish Ministry of Health (2020-2023)
- **Member** of Dietary Supplements Consulting Commission, Turkish Ministry of Agriculture and Forest (2018-2023)
- **Member** of Drug Technical Committee, Turkish Ministry of Industry (2018-2023)
- **Member** of Study Group in 3<sup>rd</sup> Agriculture & Forest Council, Turkish Ministry of Agriculture and Forest (2019-2022)

#### Awards

- 2006 **Incentives Award** given by Pharmacy Academy - Turkish Association of Pharmacists
- 2010 **Young Woman Scientist Award for Asia-Pacific Region** given by Organization for Women in Science for the Developing World (OWSD, Italy & Elsevier)
- 2010 **Science Award in Biology** by COMSTECH (Committee on Scientific and Technological Cooperation by OIC)
- 2011 **Young Female Scientist Award** by L'Oreal & Turkish Academy of Sciences (TÜBA)
- 2011 **Honor Award** represented by Gazi University Rectorate
- 2016 **Science Award** given by Pharmacy Academy - Turkish Association of Pharmacists

- 2017 Success Award (the most-cited scientist)** represented by the Foundation of Drug, Pharmacy, Health and Science Technologies (IVEK)
- 2017 Golden Mortar Science Award** represented by Pharmacist Journal
- 2017 Silver Medal for the Patent** at the International Scientific Invention Fair (ISIF)
- 2018 Best Academic Invention Medal** by the International Federation of Invention Associations (IFIA)
- 2021 Honorable Mention Award** – MESMAP-INNOVA International Medicinal and Aromatic Plants R&D Project Fair (Theraphyto Mouth Defence Spray – Innovative Product)
- 2024 Science Award** (in Chemistry) – The World Academy of Sciences (TWAS)
- 2024 Certificate of Outstanding Service and Achievement** - Turkish Industrialists' and Businessmen's Foundation (TÜSİAV)
- 2024 Climate Ambassador Award** - Turkish Vegan and Healthy Life Tourism Association (TEVSAD) & Turkish Industrialists and Businessmen Foundation (TÜSİAV) & Ministry of Environment and Urbanization

#### R&D Awards

- 2012 3<sup>rd</sup> Prize in the Category of Cosmetics, Soap, and Cleaning Products** at 2<sup>nd</sup> R&D Project Fair organized by Istanbul Chemicals and Chemical Products Exporters' Association
- 2015 Jury Special Award** at 3<sup>rd</sup> International R&D Project Fair, Aegean Exporters' Association (EİB)
- 2016 Jury Special Award** at 4<sup>th</sup> International R&D Project Fair organized by the Aegean Exporters Association, May 24, 2016, Izmir, Turkey
- 2021 Honorable Mention Award** – MESMAP-INNOVA International Medicinal and Aromatic Plants R&D Project Fair (Theraphyto Mouth Defence Spray – Innovative Product)

#### Patents Registered:

1. Invention titled "Kojic Acid-Derived Mannich Bases with Biological Effect", **Turkish Patent and Trademark Institution** (TR2015 07653 B) (Registration date: 21.11.2017)
2. Invention titled "Kojic Acid-Derived Mannich Bases with Biological Effect", **American Patent** (US 9,975,884 B2) (Registration date: 22.05.2017)
3. Invention titled "Kojic Acid-Derived Mannich Bases with Biological Effect", **European Patent** (EP 16 732 363.3) (Registration date: 14.03.2019)
4. Invention titled "Red Californian Worm Extract and Its Use", **Turkish Patent and Trademark Institution** (TR2019 21760B) (Registration date: 23.11.2023)

#### Scientific Records

- 302 Articles in international journals listed by SCIE, 46 articles in national journals, & 23 book chapters, 3 books
- h index: 56 (WoS) & 60 (Scopus) (cited over 15.500 times)
- 4 Patents, 7 patent applications, one licensed product, 32 Research projects (project leader or involved as a researcher)
- Supervised 8 Ph.D. Theses in Pharmacognosy program, 10 Master Theses in Pharmacognosy and Phytotherapy programs at Gazi University
- Supervised 2 Master Theses in Sports Pharmacy program at Gazi University
- Supervising as 2<sup>nd</sup> advisor at a Ph.D. thesis at Doctoral School of Gdansk Medical University (Poland)

#### Scientific Ranking

- In Top 2% in AD index in Türkiye (#72 amongst 29247 in general ranking & #11 amongst 6320 in medical sciences & #2 amongst 204 in pharmaceutical sciences) and in Top 2% in the World general ranking of scientist



14 June 2024

Attn: Prof. Dr. Tarmo Soomere  
President, Estonian Academy of Sciences  
Chair, European Members of the International Science Council

Dear Professor Soomere,

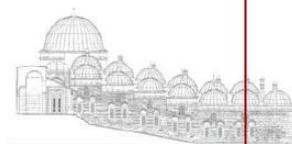
I am writing to express our enthusiastic support for the nomination of Professor Dr. Ilkay Erdogan-Orhan to serve as a member of the International Science Council Management Group for the 2025-2028 term. As President of the Turkish Academy of Sciences (TÜBA), I am delighted to recommend Professor Erdogan-Orhan, whose exemplary qualifications and extensive experience make her an outstanding candidate for this esteemed position.

Professor Erdogan-Orhan's academic and professional journey is marked by significant accomplishments. She holds a Pharmacist degree from Gazi University (Ankara, Türkiye) and two M.Sc. degrees—one in Pharmacognosy from Gazi University and another in Marine Natural Product Chemistry from the University of the Ryukyus in Japan. She earned her Ph.D. in Pharmacognosy from Gazi University and completed a post-doctoral fellowship at the University of Winnipeg, Canada, under the NATO-TUBITAK fellowship program. She was promoted to Associate Professor in 2004 and became a full professor in 2009. Currently, she serves as the Dean of the Faculty of Pharmacy at Gazi University and advisor to the President of Gazi University.

Professor Erdogan-Orhan's research interests lie in the chemistry and bioactivities of natural products, phytocosmetics, phytotherapy, and aromatherapy. Her prolific publication record includes over 285 scientific papers listed by SCI, 46 papers in other scientific journals, 23 book chapters, 3 patents, 5 patent applications, and 3 books. Her impressive h-index of 50 (Web of Science) and 56 (SCOPUS), with over 11,500 citations, underscores her impact and influence in her field.

Her leadership roles extend beyond academia. She has been a member of the Traditional Chinese Medicine (TCM) Experts Group in the European Pharmacopeia and the International Scientific Board of the Austrian Drug Screening Institute (ADSI). In 2019, she was selected as a principal member of the Turkish Academy of Sciences (TÜBA) and the Representative of the Southeast Europe & Turkey Region for the Phytochemical Society of Europe (PSE).

Professor Erdogan-Orhan has been recognized with numerous prestigious awards, including the Young Woman Scientist Award in Asia by OWSA & Elsevier, the Science Award in Biology by COMSTECH, the Young Woman Scientist Award in Life Sciences by L'Oreal & Turkish





TÜRKİYE BİLİMLER AKADEMİSİ  
TURKISH ACADEMY OF SCIENCES  
www.tuba.gov.tr

Academy of Sciences, and many others. These accolades reflect her dedication to scientific excellence and innovation.

Given her extensive experience and achievements, Professor Orhan is exceptionally well-equipped to contribute to the International Science Council Management Group. Her deep knowledge of natural products chemistry and her leadership in international scientific collaborations will bring valuable insights to the Council. Her strategic vision and commitment to advancing scientific research will undoubtedly enhance the Council's efforts to address global scientific challenges.

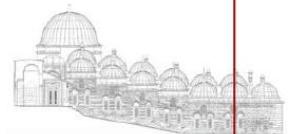
We are confident that Professor Erdogan-Orhan's appointment will significantly benefit the International Science Council. Her expertise, leadership, and dedication make her an ideal candidate for the Management Group.

Thank you for considering this nomination. We strongly support Professor Erdogan-Orhan's candidacy and believe that her contributions will greatly enhance the work of the International Science Council.

Yours sincerely,



Prof. Dr. Muzaffer Şeker  
President  
Turkish Academy of Sciences



**Manuel de León Rodríguez, Spanish Royal Academy of Sciences**



MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES

HB

**CURRICULUM VITAE (maximum 4 pages)**

**Part A. PERSONAL INFORMATION**

<b>CV date</b>	July 13, 2024
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First and Family name	Manuel de León Rodríguez		
Social Security, Passport, ID number	34606049L	Age	70
Researcher numbers	Researcher ID		
	Author ID		
	ORCID code	0000-0002-8028-2348	

**A.1. Current position**

Name of University/Institution	Consejo Superior de Investigaciones Científicas		
Department	Instituto de Ciencias Matemáticas		
Address and Country	Calle Nicolás Cabrera 13-15, 28049, Cantoblanco, Madrid		
Phone number	912999699	E-mail	<a href="mailto:mdeleon@icmat.es">mdeleon@icmat.es</a>
Current position	Research Professor	From	2004
UNESCO code	120404		
Key words	Geometric Mechanics, Differential Geometry, Symplectic Geometry, Mathematical Physics		

**A.2. Education**

Degree/PhD	University	Year
Mathematics	Santiago de Compostela	1975
Mathematics	Santiago de Compostela	1978

### **A.3. JCR articles, h Index, thesis supervised...**

#### **Scopus papers**

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192

#### **h Index**

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Google Scholar: 8908 citations, h= 48

MathSciNet: cited 2822 times by 878 authors, h = 27 (313 documents)

Scopus: 3150 citations, h = 31 (193 documents)

#### **Outreach activities**

Blog Matemáticas y sus fronteras

10 books of divulgation

A number of articles in newspapers

A number of lectures for general public and young students.

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#### **Thesis supervised**

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[1] Modesto Salgado Seco (University of Santiago de Compostela) 1984

[2] Luis Carlos de Andrés Domingo (UPV-EHU) 1986

[3] María Elena Vázquez Abal (University of Santiago de Compostela) 1988

[4] Isabel Méndez Naya (University of Santiago de Compostela) 1989

[5] David Martín de Diego (Universidad complutense Madrid) 1995

[6] Jorge Cortés Monforte (Universidad Carlos III Madrid) 2001

[7] Sonia Martínez Díaz (Universidad Carlos III Madrid) 2002

[8] Aitor Santamaría Merino (Universidad Carlos III Madrid) 2005

[9] Cédric Martínez Campos (Universidad Autónoma de Madrid) 2010



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Y UNIVERSIDADES

**CURRICULUM VITAE (maximum 4 pages)**



- [10] Miguel Vaquero Vallina (Universidad Autónoma de Madrid) 2015
- [11] Víctor Manuel Jiménez (Universidad Autónoma de Madrid) 2019
- [12] Manuel Lainz (Universidad Autónoma de Madrid) 2022
- [13] Asier López Gordon (Universidad Autónoma de Madrid) 2024

**Part B. CV SUMMARY** (max. 3500 characters, including spaces)

Born in Requejo (Zamora, Spain) in 1953, he got his Master Degree at the University of Santiago de Compostela (Galicia) and then the PhD degree in the same university in 1978. His work has been mainly devoted to the study of Differential Geometry and its applications to Mechanics and Mathematical Physics (over 300 papers and 4 monographs). He has been the advisor of 12 PhD students, and is currently a member of several Editorial Boards and Scientific Committees and Editor-in-Chief of Journal of Geometric Mechanics (AIMS). Research Professor in the Consejo Superior de Investigaciones Científicas (CSIC), he was Chief of the Department of Mathematics (CSIC), 2000-2007; and also the Vice-Director of the Institute of Mathematics and Fundamental Physics (CSIC), 1992-1998. Currently, he has been the founder and Director of the Instituto de Ciencias Matemáticas, a joint research institute between the CSIC and three universities of Madrid, UAM, UCM and UC3M; the ICMAT has been selected as one of the Centers of Excellence in Spain (Severo Ochoa Program). He is also Fellow of the Real Academia de Ciencias Exactas, Físicas y Naturales., and the Real Academia Canaria de Ciencias and Real Academia Galega de Ciencias. He founded the series of International Fall Workshops on Geometry and Physics. He was refounder and vice-president of the Real Sociedad Matemática Española (RSME), and Director of La Gaceta de la RSME. Coordinator of the Spanish Committee for the World Mathematical Year 2000. He was the founder and first President of the Spanish Committee for Mathematics CEMAT), 2004-2007, President of the International Congress of Mathematicians ICM2006-Madrid, member of the Executive Committee of the International Mathematical Union, IMU (2007-2014) and member of the Executive Board of the International Council for Science, ICSU, now ISC (2014-2018). He has been a member of several national and international committees for assessment of Science (PESC Committee, European Science Foundation; Comisión Asesora de Evaluación y Prospectiva, MICINN; Comisión de Area de Ciencias Físicas y Tecnologías Físicas, CSIC).

**Part C. RELEVANT MERITS**

**C.1. Publications (including books)**

**PAPERS (Selected)**

- L. A. Cordero, M. de León, M. Fernández: Examples of compact non-Kähler almost Kähler manifolds. Proc. Amer. Math. Soc., 95, 2 (1985) 280-286.
- F. Cantrijn, M. de León, E. A. Lacomba: Gradient vector fields on cosymplectic manifolds. Journal of Physics A: Math. Gen., 25 (1992), 175-188.
- M. de León, D. Martín de Diego: On the geometry of non-holonomic Lagrangian systems. J. Math. Phys. 37 (7) (1996), 3389-3414. M. de León, M. Epstein: Geometrical Theory of Uniform Cosserat Media. Journal of Geometry and Physics 26 (1998), 127-170.
- M. de León, M. Fernández, R. Ibáñez: The canonical spectral sequences for Poisson manifolds. Israel Journal of Mathematics 106 (1998), 133-155.
- F. Cantrijn, M. de León, D. Martín de Diego: On almost-Poisson structures in nonholonomic mechanics. Nonlinearity 12 3 (1999), 721-737.
- M. de León, M. Epstein: Continuous distributions of inhomogeneities in liquidcrystal-like bodies. Royal Society of London Proceedings Series A: Math. Phys. Eng. Sci. 457 2014 (2001), 2507-2520.
- J. Cortés, M. de León, D. Martín de Diego, S. Martínez: Geometric description of vakonomic and nonholonomic dynamics. Comparison of solutions. SIAM Journal of Control and Optimization 41 5 (2003), 1389-1412.
- M. de León, D. Martín de Diego, A. Santamaría-Merino: Geometric Numerical Integration of Nonholonomic Systems and Optimal Control Problems, European Journal of Control 10 (2004), 520-526.



- M. de León, J. C. Marrero, E. Martínez: Lagrangian submanifolds and dynamics on Lie algebroids. *J. Phys. A: Math. Gen.* 38 (2005), R241-R308. (Topical review).
- M. Barbero-Liñán, M. de León, Manuel; D. Martín de Diego: Lagrangian submanifolds and the Hamilton-Jacobi equation. *Monatsh. Math.* 171 (2013), no. 3-4, 269–290.
- M. Epstein, M. de León: Unified geometric formulation of material uniformity and evolution. *Math. Mech. Complex Syst.* 4 (2016), no. 1, 17–29.
- M. de León, D. Martín de Diego, M. Vaquero: Hamilton–Jacobi theory, symmetries and coisotropic reduction. *J. Math. Pures Appl.* 107 (2017) 591–614.
- S. Ferraro, M. de León, J.C. Marrero, D. Martín de Diego, M. Vaquero: On the geometry of the Hamilton-Jacobi equation and generating functions. *Arch Rational Mech Anal* 226 (2017) 243: 302.
- VM Jiménez, M de León, M Epstein: Material distributions. *Mathematics and Mechanics of Solids*, (2018) 1081286517736922.
- M de León, M Lainz Valcázar: Contact Hamiltonian systems. *Journal of Mathematical Physics* 60 (10), (2019) 102902 (this paper has been selected as Pick’s editor paper).
- M de León, ML Valcázar: Infinitesimal symmetries in contact Hamiltonian systems. *Journal of Geometry and Physics*, (2020) 103651.
- VM Jiménez, M de León, M Epstein: Characteristic foliations of material evolution: from remodeling to aging. *Mathematics and Mechanics of Solids* 27 (11), (2022), 2373-2403.
- M de León, J Gaset, MC Muñoz-Lecanda, X Rivas, N Román-Roy: Multicontact formulation for non-conservative field theories. *Journal of Physics A: Mathematical and Theoretical* 56 (2), (2023), 025201
- BOOKS**
- M. de León, P. R. Rodrigues: *Generalized Classical Mechanics and Field Theory*. NorthHolland Mathematics Studies, 112, North-Holland, Amsterdam, 1985.
- M. de León, P. R. Rodrigues: *Methods of Differential Geometry in Analytical Mechanics*. North-Holland Mathematics Studies, 158, North-Holland, Amsterdam, 1989.
- L. A. Cordero, C. T. J. Dodson, M. de León: *Geometry of Frame Bundles*. Mathematics and Its Applications, Kluwer Academic Publishers, Dordrech, 1989.
- M. de León, M. Salgado, Modesto; S. Vilariño: *Methods of differential geometry in classical field theories. k-symplectic and k-cosymplectic approaches*. World Scientific Publishing Co. Pte. Ltd., Hackensack, NJ, 2016.
- M. de León, M. Epstein, V. Jiménez: *Material Geometry*. World Scientific Publishing, Singapore 2021.

## C.2. Research projects and grants

Principal Investigator of a number of national and international grants since 1986.

## C.5, C.6, C.7... (e. g., Institutional responsibilities, memberships of scientific societies...)

### Societies

Member of AMS, SIAM, RSME, RSEF, EMS, FESPM.

### Editorial Boards

ARBOR, *Extracta Mathematicae*, *Reports on Mathematical Physics*, *Mediterranean Mathematical Journal*, *International Journal of Geometric Methods in Modern Physics*, *Geometric Mechanics* (Editor-in-Chief and Founder).

### Organization of Scientific events

Member of Organizing Committees and Scientific Committees of a number of workshops and conferences.

Coordinator for the World Mathematical Year 2000 in Spain.



**CURRICULUM VITAE (maximum 4 pages)**



President of the ICM 2006, Madrid.

**Offices**

Vicepresident of the Real Sociedad Matemática Española (1996-2005)

President of the Spanish Committee of Mathematics (CEMAT), 2004-2007

Founder and Director of the Institute of Mathematical Sciences (CSIC-UAM-UC3M-UCM).

Member of the Committee of Physics and Engineering Physics, CSIC, 2001-2008.

Coordinator of Mathematics of the Spanish Agency for Evaluation and Prospective (Ministry of Education and Science), 2003-2005

Member (Experimental Sciences) of the Advisor Committee for Evaluation and Prospective (Ministry of Education and Science), 2005-2010

Coordinator for Mathematics in ACSUCYL, 2009-2012.

President of the Commission for Experimental Sciences, Secretary of the Advisory Committee of UNIBASQ (2012-2021).

Member-at-Large of the EC of IMU, 2007-2010.

Member of the Core Group of the PESC Committee, European Science Foundation, 2006- 2012

Promoting member of the research grant CONSOLIDER-INGENIO MATHEMATICA i-MATH (2007-2011); 7500000 €.

Coordinator of CSIC-node of research grant SIMUMAT of the CAM, 2006-2008.

Scientific Director of the ICMAT Severo Ochoa Program 2012-2015 (4000000€). Scientific Advisor of the ICMAT Severo Ochoa Program 2016-2019 (4000000€).

**Awards**

Medal from the Royal Spanish Mathematical Society (2017)

Outreach Award from the Regional Government of Madrid (2016)

Bernouilli Lecturer, Bernouilli Center, Laussanne, 2013

Member of the Royal Academy of Sciences Spain (Treasurer and Director of ESTALMAT).

Member of the Real Academia Canaria de Ciencias

Member of the Real Academia Galega de Ciencias

Medalla Ciencia en Acción (2009)

Socio de Honra, AGAPEMA (2006)

Chairman of the International Congress of Mathematicians (ICM) in 2006 Madrid.

Faculty of Engineering Distinguished International Research Fellowship, Faculty of Engineering, University of Calgary (2000)



Real Academia de Ciencias  
Exactas, Físicas y Naturales  
El Presidente

**Prof. Tarmo Soomere**  
**President of the Estonian Academy of Sciences**  
**Chair of the European Members of the International Science Council**

Dear Prof. Soomere,

In my capacity of President of the Spanish Royal Academy of Sciences, I would like to nominate Prof. Manuel de León (<https://www.manueldeleon.es>), a member of the Academy and a Research Professor of Mathematics at the National Research Council (CSIC), as a candidate to The Management Group.

Please find enclosed his short CV, as requested. He is familiar with this initiative and willing to participate in the group.

Professor de León, in addition to his work as a very active researcher, has extensive international experience as a member of the Executive Committee of the International Mathematical Union (2007-2014) and of the Executive Board of the International Council for Science, ICSU (2014-2018), so he would be a qualified candidate for The Management Group of the European Members of the International Science Council.

Should you need additional information do not hesitate in contacting me.

Madrid, July 13<sup>th</sup> 2024

Firmado por \*\*\*1285\*\* JESUS MARIA SANZ (R: \*\*\*\*8014\*) el  
día 13/07/2024 con un certificado emitido por AC  
Representación

Prof. J. M. Sanz-Serna  
President of the Spanish Royal Academy of Sciences

## **Jūras Banys, Lithuanian Academy of Sciences**

Doctor habilis (Physical Sciences), professor, academician at the Lithuanian Academy of Sciences



Born on 30 December 1962 in Vilnius. In 1980, he finished Secondary School No 9 in Vilnius and in 1985 graduated with distinction from the Faculty of Physics, Vilnius University. In 1990, he finished postgraduate studies at Vilnius University and defended his doctoral thesis; in 2000, he defended his doctor habilis dissertation.

In 2000, he became an associate professor and in 2003 a professor at Vilnius University.

From 1989 to 1990 he worked at the University of Oxford (UK) with a grant from Georges Soros Foundation.

Having received Alexander von Humboldt Foundation Scholarship, from 1993 to 1995 Banys worked at the University of Leipzig, Germany.

In 2000, he was awarded the Povilas Brazdžiūnas Prize of the Lithuanian Academy of Sciences. In 2002, Banys was awarded the Lithuanian Science Prize.

In 2011, Jūras Banys was elected full member of the Lithuanian Academy of Sciences

In 2023, Banys was awarded the Lithuanian Science Prize

In 2023, he was awarded the St Christopher's Prize for services to science, research and their dissemination (2023).

### **Work Experience**

1990–1996 Researcher at the Radiophysics Department of the Faculty of Physics, Vilnius University  
1996–2003 Senior Research fellow at the Radiophysics Department

2003–2007 Chief Researcher

2003–2018 Professor at the Radiophysics Department, Faculty of Physics, Vilnius University  
2003–2007 Dean of the Faculty of Physics, Vilnius University

2007–2012 Vice-Rector for Research, Vilnius University

2008–2018 Chair of the Radiophysics Department, Faculty of Physics, Vilnius University  
2012–2015 Acting Rector of Vilnius University

2016–2018 Chair of the Committee of Natural and Technical Sciences, Research Council of Lithuania Since 2018 President of the Lithuanian Academy of Sciences (elected 24 October 2017, re-elected 26 October 2021)

2022 Member of the ISC European Management Board for the term of 2022–2024

2024 Member of the ALLEA Board 2024 – 2027.

Main research areas:

Lattice dynamics, ferroelectricity, structural phase transitions, dipolar glasses, relaxors, dielectric spectroscopy, multiferroics, composites, EPR.

Prof. Banyś has published about 600 research papers, mostly in international scientific journals. He takes an active part in international scientific conferences in Germany, Russia, England, Italy, Latvia, the Czech Republic, Poland, France, the USA, and elsewhere (often as an invited speaker).

Membership in organisations:

Foreign member, Latvian Academy of Sciences

Corresponding member, Saxon Academy of Sciences, Germany Member of the Board, Lithuanian Physical Society

Member of the Editorial Board, Lithuanian Journal of Physics

European Conference on Applications of Polar Dielectrics, member of the International Advisory Board European Committee on Ferroelectricity

International Committee of Electroceramics, member

Ferroelectrics Standing Committee of the IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society,

member

AMPERE Society Committee

Honorary Degree of Uzhhorod National University.



**LITHUANIAN ACADEMY OF SCIENCES**

Prof. Tarmo Soomere  
Chair  
European Members of the ISC

**Call for Nominations – ISC Management Board Members**

November 30, 2024

Dear Professor Soomere,

On behalf of the Presidium of the Lithuanian Academy of Sciences I would like to nominate President of our Academy Prof. Jūras Banys as a member of the ISC European Management Board for the term of 2025–2028. Prof. Jūras Banys is very active in international arena – he is a member of the ISC European Management Board for the term of 2022–2024, a member of the ALLEA Board 2024–2027, a Foreign member of the Latvian Academy of Sciences, a Corresponding member of the Saxon Academy of Sciences (Germany), a member of the International Advisory Board of European Conference on Applications of Polar Dielectrics, a member of the European Committee on Ferroelectricity, a member of the International Committee of Electroceramics, a member of the Ferroelectrics Standing Committee of the IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society, etc. From 1989 to 1990 he worked at the University of Oxford (UK) with a grant from Georges Soros Foundation, having received Alexander von Humboldt Foundation Scholarship, from 1993 to 1995 Jūras Banys worked at the University of Leipzig, Germany. Prof. Banys is a world-renowned scientist in Lattice dynamics, ferroelectricity, structural phase transitions, dipolar glasses, relaxors, dielectric spectroscopy, multiferroics, composites, EPR.

We firmly believe that President of the Lithuanian Academy of Sciences Prof. Jūras Banys could be a suitable and valuable member the ISC European Management Board for the term of 2025–2028.

Yours sincerely,

Prof. Zenonas Dabkevičius  
Vice-President

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3 Gedimino Ave.,  
LT-01103 Vilnius, Lithuania

Tel.: +370 602 65354

E-mail:  
prezidiumas@lma.lt