

Annual report of the Finnish Academy of Science and Letters

This Annual Report was compiled by the Academy's Governing Board and approved by the Auditor but could not be discussed or approved at the statutory spring general meeting as this meeting had to be postponed until the autumn on account of the COVID-19 emergency.

GOVERNING BOARD AND SECRETARY GENERAL

The President of the Finnish Academy of Science and Letters and Chair of its Governing Board in 2019, the 112th year in the Academy's history, was Risto Nieminen and the Vice President Anna Mauranen. Pekka Ilmakunnas continued as Treasurer, while Tuula Linna took over as Secretary of the Section of the Humanities and Juha Kinnunen as Secretary of the Section of Science. Arto Haapala, Elina Ikonen, Maria Lähteenmäki and Merja Penttilä continued as Ordinary members. The Governing Board held 9 meetings during the year. Pekka Aula continued as Secretary General.

The members of the Governing Board served during the year as trustees of the Emil Öhmann Foundation and the Hilikka and Otto Brusiin Foundation.

The compositions of the committees and working groups set up by the Governing Board were as follows:

- Property Management Committee: Risto Nieminen (chair), Anna Mauranen, Pekka Ilmakunnas, Tuula Linna (secretary), Pekka Aula and Kati Eriksson.
- Prizes Committee: Risto Nieminen (chair), Juha Kinnunen, Tuula Linna, Maria Lähteenmäki and Merja Penttilä.
- Publications Committee: Risto Nieminen (chair), Anna Mauranen (vice chair), Olli Martio (editor-in-chief of the *Mathematica* series), Jaakko Hämeen-Anttila (editor-in-chief of the *Humaniora* series), Frog (editor-in-chief of the *FFC* series) and the Secretary General Pekka Aula. The committee's secretary was Mika Koskenoja (editorial secretary of the *Mathematica* series).



Members of the Governing Board of the Finnish Academy of Science and Letters in 2019. Top, from the left: Pekka Ilmakunnas, Arto Haapala and Juha Kinnunen, and bottom, from the left: Merja Penttilä, Maria Lähteenmäki, Risto Nieminen, Anna Mauranen and Tuula Linna. Absent from the photograph was Elina Ikonen.

- Olavi Nevanlinna, Pekka Ilmakunnas and Maria Lähteenmäki continued to act as trustees of the Emil Aaltonen Foundation.

The members of the Selection Committee for the Section of the Humanities up until the Autumn General Meeting 2019 were Henry Bacon, Risto Heiskala, Marja-Liisa Helasvuo, Petri Karonen (chair), Jari Lavonen, Outi Merisalo, Virpi Mäkinen and Päivi Pahta. At the Autumn Meeting Risto Heiskala and Päivi Pahta were replaced by Heikki Halila and Anni Kovalainen.

The members of the Selection Committee for the Section of Science up until the Autumn General Meeting 2019 were Kimmo Kaski, Juha Kere, Erkki Korpimäki, Hannu Koskinen, Markku Leskelä (chair), Kaisa Nyberg, Vieno Piironen and Asla Pitkänen. At the Autumn Meeting Kimmo Kaski, Hannu Koskinen and Markku Leskelä were replaced by Jouko Korppi-Tommola, Juha-Pekka Lunkka and Kristiina Wähälä.

GRANTS

The Finnish Academy of Science and Letters distributed just over 2 million euros in grants in 2019, the majority being for post-graduate study, for which the value of an individual grant was 25 000 euros. In all those cases in which a grant was made for the completion of a doctorate within Finland an additional sum of 1 600 euros was paid directly to the university concerned in compensation for the costs involved. No personal grants were awarded to Academy members.

Applications for grants were reviewed by experts appointed by the Governing Board who represented the highest expertise in the fields concerned, and the final decisions were made by the Board in the light of their recommendations. Attention was paid to the possibility of vested interests at both the review and decision stages in the case of the funds and foundations administered by the Academy.

This was the 55th year in which grants for scientific research had been distribut-

GOVERNING BOARD 2019

Member	Position	Term of office
Risto Nieminen	President, chairman of the Governing Board	2018–2019
Anna Mauranen	Vice President, vice chairman of the Governing Board	2018–2019
Pekka Ilmakunnas	Treasurer	2019–2023
Tuula Linna	Secretary, Section of Humanities	2019–2023
Juha Kinnunen	Secretary, Section of Science	2019–2023
Arto Haapala	Ordinary member	2019 (3rd term)
Elina Ikonen	Ordinary member	2019 (2nd term)
Maria Lähteenmäki	Ordinary member	2019 (3rd term)
Merja Penttilä	Ordinary member	2019 (3rd term)

ed by the Vilho, Yrjö and Kalle Väisälä Fund. A total of 313 applications had been received (375 in 2018) amounting to approx. 6.7 (7.8) million euros in all, out of which 71 (77) were approved, to the value of approx. 1.4 (1.4) million euros. These awards included 45 (45) post-graduate grants of 25 000 euros for full-time study for a duration of one year and 13 (13) for part of a year. In addition, 8 (4) recipients of post-graduate grants were also awarded travel grants and 13 (19) short-term grants for visits abroad were made, totalling just over 30 460 (41 590) euros.

The Academy distributed just over 2 million euros in grants in 2019

The Eino Jutikkala Fund was distributing grants for study in the humanities for the 12th time. The fund's applications profile was revised to the extent that all the grants were to be made to persons who were at an early stage in producing their doctoral thesis. In addition, the fields of study encompassed by the Section of the Humanities were divided into two parts and only applications in the fields of aesthetics, fine art, Finno-Ugric studies, philosophy, education, languages and linguistics, psychology, theology and comparative religion were invited in 2019. This led to a total of 328 applications (458 in 2018), amounting altogether to just over 8 (10) million euros. This procedural alteration means, of course, that the statistics are not comparable between the two years. In the end 17 (22) awards were

made, totalling 438 000 (437 000) euros, 17 (17) of which were for doctoral studies. The remaining five awards, totalling 37 400 euros, were made for short-term study visits abroad.

The Academy's Mathematics Fund distributed more than 14 000 euros in grants (45 000 in 2018) and the Emil Öhmann Foundation, which is also administered by the Academy, distributed 45 000 (50 000) euros. The Hilikka and Otto Brusiiin Foundation distributes grants only every second year and did not do so at all this year (30 000 euros paid out in 2018).

In 2019 the Academy took part for the fourth time in the post-doctoral scholarship pool established by the Council of Finnish Foundations, the total sum contributed being 200 000 euros. Given that a certain proportion of the previous year's post-doctoral applications had later been withdrawn, a total of 156 000 euros from the Väisälä Fund and 50 000 euros from the Jutikkala Fund were actually distributed in 2019.

PRIZES

The Finnish Academy of Science and Letters Award for 2019, a sum of 30 000 euros, was presented to Professor Risto Tuomela in recognition of his notable achievements in the field of philosophy. He was also presented with Academy Medal No. 31.

The Eino Jutikkala History Prize, worth 15 000 euros, which is awarded every third year, went to Professor Pirjo Markkola of the University of Tampere. This was the fifth time that the award had been made.

The Finnish Academy of Science and Letters Prize for the Humanities, amounting to 15 000 euros, was awarded to Dr



The thematic meeting in May was held at the University of Jyväskylä and included a visit to its Accelerator Laboratory, where members were shown round by the laboratory staff.

Heli Huhtamaa of the University of Heidelberg. This prize was being awarded for the 9th time.

The Academy's Väisälä Prizes for 2019 went to Professor Goëry Genty of the University of Tampere and Professor Tuomo Kuusi of the University of Helsinki. This was the 20th occasion on which these prizes, each of 15 000 euros, have been awarded.

The Pro Scientia Prize was awarded to Mr Ilari Hetemäki, Head of Communications at the Federation of Finnish Learned Societies. This award, worth 10 000 euros, is made every second year to a person or instance who in speech or writing or by some other means has made a significant contribution to the promotion of the status of science in society. This was the sec-

ond occasion on which the prize had been awarded.

MEETINGS AND EVENTS

The Finnish Academy of Science and Letters held its meetings in 2019 in the traditional manner, on the second Monday in each month except for January and the summer months, but a new format was also introduced, a series of four "Science Unplugged" events in November in which scientists spoke about their own fields of study, how the research is done and who do it. This format provided an excellent opportunity for a dialogue between the speaker and the audience, and was deemed so successful that the experiment will be repeated in spring 2020.

Also in November, the project Science Advisory Initiative of Finland, Sofi coordinated by the Academy arranged an international science advisory symposium at the National Museum of Finland in collaboration with the European Commission's SAPEA (Science Advice for Policy by European Academies) organization.

In January the Academy arranged a panel discussion held in the small assembly hall of the University of Helsinki in connection with the Science Forum event, under the title of "The Courage to be Silent". This involved a broad consideration of the relations between the public domain, the media and scientific work.

The May meeting was held this year in Jyväskylä, enabling members to visit the university's Accelerator Laboratory. A discussion on the topic of "Activity and Well-being for All" which was open to the general public was held in the afternoon.

Sectional meetings were held in connection with the monthly meeting in March 2019, the Spring General Meeting in April and the Autumn Meeting in November.

At the subject group level a discussion meeting on "The Quality of Jurisprudence" that was open to the general public was organized by the Academy's jurisprudence group in May.

Two open events were arranged jointly by the Finnish Academy of Science and Letters, the Finnish Society of Sciences and Letters, the French Institute and French Embassy in Finland and the French Ministry for Higher Education, Research and Innovation under the Maupertuis Programme in connection with visits by two notable French scientists, Prof. Michel Fayolja in August and Prof. Loïc Depecker in October.

Also in October, Academy members took part in a Nobel Prize discussion in the Mediatori auditorium of the Sanoma building together with members of the other academies and representatives of the Helsingin Sanomat newspaper.

During 2019 a three-year Sofi (Science Advisory Initiative of Finland) Project was launched jointly by Finland's four academies of science

The Academy also took part in the initial planning for "Science Forum 2021", being represented on the programme committee by Maria Lähteenmäki and on the steering committee by Pekka Aula.

A list of meetings and events is provided in Appendix 1.

THE SOFI PROJECT

During 2019 a three-year Sofi (Science Advisory Initiative of Finland) Project was launched jointly by Finland's four academies of science with funding from the Finnish Ministry of Education and Culture. The aims of the project are to develop a model for interaction between science and decision-making bodies in Finland, to strengthen dialogue between the scientific community and those responsible for decision-making within society and to generate and maintain discussions concerned with science advice and its future. The project is being coordinated by the Finnish Academy of Science and Letters, so that its secretarial work is to be carried out by the Acade-

my's staff. It will also have a scientific mentor group consisting of Academy members: Academician Eva-Mari Aro, University of Turku, Professor Marja Makarow, Director, Biocentre Finland, Academician Ilkka Niiniluoto, University of Helsinki, and Professor Kari Raivio, Chancellor Emeritus, University of Helsinki. For further information on the Sofi Project, see www.acadsci.fi/sofi.

INTERNATIONAL ACTIVITIES

Contacts to the international scientific organizations of the Finnish Academy of Science and Letters partly took place under the auspices of the Council of Finnish (CoFA), in which the Academy's President was a member of the executive committee in 2019, with the Academy's Vice President as his deputy. The Secretary General was also a member of the executive committee, but without a vote. The Academy was represented on the CoFA International Affairs Committee by the Vice President and Olavi Nevanlinna. The Finnish Academy of Science and Letters continued for a second year to be the academy chiefly responsible for CoFA affairs. The CoFA is an important part of the renewal of the system of academies in Finland and will be crucial in determining the direction which this system takes in the future. The agreement reached on this matter means that the academies will participate more actively than ever in developing the scientific community towards greater internationalization.

Through the medium of CoFA, members of the Finnish Academy of Science and Letters occupied positions in many international academic organizations during the year, most notably Eva-Mari Aro, Markku Kulmala, Jukka Seppälä and Jari Valkonen in EASAC, Anna Mauranen and

Ahti Salo in ISC, Mika Kajava in UAI, Jukka Kekkonen in the International Human Rights Network, Krista Varantola in ALLEA, Olavi Nevanlinna in Euro-CASE and Marja Makarow in SAPEA. At the Academy's instigation, Eva-Mari Aro acted as Vice President of EASAC in 2017–2019.

Discussions were held with the French embassy regarding new forms of international cooperation, and many contacts were also made with academies of science in other countries.

The Academy is also entitled to representation on various national committees. In the case of the committee for polar research (SCAR, IASC) its representative in 2019 was Maria Lähteenmäki, with Juha Pekka Lunkka as her deputy, while the representative on the national committee for astronomy (IAU) was Karri Muinonen, and those on the committee for radio science (URSI) were Karri Muinonen and Esa Kallio, with Tuija Pulkkinen as their deputy. The representative for marine research (SCOR) was Kimmo Kahma, that for Quaternary research Juha Pekka Lunkka and that for mechanics (IUTAM) Heikki Haario.

The President took part in the annual meeting of the STS Forum and a meeting of presidents of academies of science and letters in Kyoto, Japan, in October 2019.

In connection with the Sofi Project, the Secretary General took part in a European Science Advisors Forum (ESAF) in Ireland and made a visit to the Royal Netherlands Academy of Arts and Sciences to consult with those involved in related activities. The Secretary General also represented the Academy at the ceremony for the presentation of the Holberg Prize in Bergen, Norway, in June.

In the course of the year the Academy proposed candidates for the Balzan Prize,



The new members elected to the Academy at its Annual Meeting in April received their membership diplomas at the "New members' event" in September.

the Gad Rausing Prize, the Holberg Prize, the Keio Medical Science Prize and the Olav Thon Foundation's International Research Award.

MEMBERSHIP

The Finnish Academy of Science and Letters had 775 Finnish members and 179 external members at the end of 2019. Altogether 28 new Finnish members and 2 new external members were elected at the Spring Meeting on 12th April.

The new members elected to the Section of Science were Janne Backman (University of Helsinki), Matti Haukka (Univer-

sity of Jyväskylä), Maarit Järvenpää (University of Oulu), Miia Kivipelto (Karolinska Institutet, Sweden), Janne Kotiaho (University of Jyväskylä), Raija Laiho (Finnish Natural Resources Institute), Virpi Lummaa (University of Turku), Kaisa Matomäki (University of Turku), Johanna Myllyharju (University of Oulu), Jukka Mönkkönen (University of Eastern Finland), Pirjo Nuutila (University of Turku), Antti Oulasvirta (Aalto University), Ursula Schwab (University of Eastern Finland), Mikko Siponen (University of Jyväskylä), Jouni Suhonen (University of Jyväskylä), Ilya Usoskin (University of Oulu) and Marjo Yliperttula (University of Helsinki).

The new members elected to the Section of the Humanities were Jukka Hyönä (University of Turku), Niilo Kauppi (CRNS, Strasbourg, France), Tiina Kinnunen (University of Oulu), Mia Korpiola (University of Turku), Kristiina Kumpulainen (University of Helsinki), Turo-Kimmo Lehtonen (University of Tampere), Jan Lindström (University of Helsinki), Matti Miestamo (University of Helsinki), Outi Paloposki (University of Turku), Jukka Pirttilä (University of Helsinki and the VATT Institute for Economic Research), and Elina Vuola (University of Helsinki).

The new external members elected were Luda Klusáková (Charles University, Czech Republic) and Jörg Tiedemann (University of Helsinki).

The Academy mourned the deaths of the following members during the year: Kalle Achté, Ilkka Heiskanen, Osmo Jussila, Kauko Mikkonen, Tauno Palva, Unto Salo and Eeva Tapio.

News was also received of the deaths of the external members Kenneth Bowler, Jacek Fisiak, Ole Lando and Fergus Millar.

YOUNG ACADEMY FINLAND

2019 was the second full year of activities for the new Young Academy Finland (YAF), founded with the aim of promoting science and academic studies from the viewpoint of young researchers who are at an early stage in their career. The chair of its committee was Tommi Himberg of the Aalto University until the Autumn Meeting, when Jenni Raitoharju of the Finnish Environment Institute was elected to replace him. The Young Academy had a total of 74 members during the year.

The Young Academy Finland project was to a great extent made possible by a

donation of a million euros from the Emil Aaltonen Foundation to the Academy in 2017, enabling a separate Emil Aaltonen Fund to be set up for this specific purpose.

PUBLICATIONS

The Finnish Academy of Science and Letters published a total of 74 papers in 2019 in the series *Annales Academiæ Scientiarum Fennicæ* (Mathematica and Humaniora) and Folklore Fellows' Communications (FFC). In addition, it produced the FF Network magazine and the Academy's Yearbook in Finnish and English versions. The yearbooks and the publications in the *Mathematica* series are freely available.

The chair of the Publishing Committee was Risto Nieminen and the other members were Olli Martio (editor-in-chief of the *Mathematica* series), Jaakko Hämeen-Anttila (editor-in-chief of the *Humaniora* series), Frog (editor-in-chief of the FFC series) and Pekka Aula. The committee's secretary was Mika Koskenoja (editorial secretary of the *Mathematica* series). The committee met twice during the year.

The Academy received 111 000 euros (121 000 euros in 2018) in government assistance for its publishing work in 2019, and incomes from the sale of publications amounted to approx. 21 000 (approx. 27 000) euros. Distribution of the Academy's publications on an exchange basis took place through the Exchange Centre for Scientific Literature run by the Federation of Finnish Learned Societies. The Academy had 302 (318) overseas exchange partners at the end of the year, and a total of 756 (918) copies were sent out in this way.

The joint publishing committee of the Finnish Academy of Science and Letters



The February and March meetings were transmitted live on the Internet and recordings of them are still available on the Academy's website www.acadsci.fi/tilaisuudet. The theme in March was the cinema, and the main speakers were Professor Henry Bacon and the actor Hannu-Pekka Björkman.

and the Finnish Society of Sciences and Letters met once in 2019.

The Academy decided to revise its publishing activities in the course of the year, and the Governing Board proposed that there should be two series, A and B, largely in order to allow new Academy members to publish reports of their research in their native language and in a forum that operates on scientific principles. The aim is to improve the understanding shown by the academic community and other interested persons for the research carried out by the Academy's members irrespective of boundaries between disciplines. Also linked to this reform is the decision to make new arrangements for the publication of the existing *Acta Academiae Scien-*

tiarum Fennicae series by the end of the year 2020.

STRATEGIC PLANNING

The Governing Board continued the strategic planning begun in 2015 in the form of two meetings in 2019. Four focal points had been chosen initially: promotion of the recognition and influence of high-level scientific and academic expertise within society, support for talented young scientists and scholars, strengthening of the international dimension in Finnish scientific and academic research, and adjustment of the Academy's own organization in order to be more flexible and active. These focal points featured prominently

in the Academy's activities in 2019, and the intention is to update the strategy during 2020.

COMMUNICATIONS

The main channels for the Academy's external communications during the year were its own home pages on the Internet together with its Twitter account, Facebook pages and YouTube channel. Greater efficiency continued to be achieved by using a press release service and adopting a more active attitude towards interest groups, and also by monitoring the media publicity obtained. Attention was also paid to the dissemination of scientific information, and particularly the impact of published research results. The Academy was able to increase its visibility relative to the situation in previous years, especially in the social media and professional publications.

Earlier efforts to publicize scientific results and improve their impact had included support for the production of a documentary telling about Finnish research in the Antarctic. Updates of the resulting film were shown in the social media at the beginning of 2019.

In addition, the Academy streamed videos of its monthly meetings on the Internet and made them available later on its web pages.

Where internal communications were concerned, further efforts were made to develop and adopt network-based forms of communication and collaboration.

ECONOMY AND ADMINISTRATION OF ASSETS

The Property Management Committee, which advises the Governing Board on financial matters, consisted of Risto Niemi-

nen, Anna Mauranen, Pekka Ilmakunnas, Pekka Aula and Tuula Linna, with Kati Eriksson acting as an expert advisor. The Academy's assets were managed in accordance with the 2017 revision of the investment strategies for the Academy itself, its separate funds and the foundations that it administers.

The total value of the investments held in the name of the Academy and its various funds at the end of 2019 was approximately 174 million euros (125 million euros at the end of the previous year), with a further sum of over 4 million euros in the hands of the foundations administered by it.

Academy is represented in numerous institutions and organizations at home and abroad

These investments, comprising portfolios of shares and bonds, shares in Vaisala Oyj and alternative investments, were managed by Nordea and Evli. All the office apartments at Mariankatu 5 in Helsinki are owned directly by the Väisälä and Jutikkala Funds administered by the Academy, and otherwise most of the Academy's property investments are in the form of eQ unit trusts. During 2019 the Academy embarked on a programme of long-term alternative investments in which, in addition to the unit trusts, investments will be made in non-listed companies through private equity funds.

Share prices recovered during 2019 from the general decline experienced to-

wards the end of 2018, so that total returns on investments, including dividends, interests, rents and property values, but excluding the Vaisala Oy shares, were about 21% (as compared with a 5% loss in 2018), while the Vaisala Oyj shares practically doubled in value, so that the overall returns for the year were approx. 46%.

The auditor of the Academy's accounts and administrative procedures in 2019 was the chartered accountant Professor Markku Koskela, with the chartered accountant Riku Kärnä as his deputy. A financial report and auditor's statement will be published in connection with the 2019 Yearbook.

STAFF

The Academy's Secretary General was Professor Pekka Aula, the Administrative Manager Leila Sarajärvi, M.A., and the Administrative Secretary Nina Rapelo, M.A. The Office Secretary was Marianne Parvinen, who transferred to another employer on 12th June and was replaced by Suvi Salmi, B.B.A. The part-time Secretary for the Young Academy (16%) was Katri Mäkinen-Rostedt, M.Soc.Sc. until 12th August and thereafter Johanna Ketola, M.Soc.Sc. (50%). The CoFA Academy Secretary within the Academy's administration was Dr Päivi Tikka, who left at the end of the year to take up another post. The Scientific Secretary was Veera Launis, M.Phil. The Secretary General acted as administrative head of the CoFA office. Dr Jaakko Kuosmanen took up the position of Academy Secretary within the academies' joint Sofi Project at the beginning of February, and Nanna Särkkä, M.Soc.Sc., began work as a Content Producer at the beginning of August.

The Administrative Manager attended training meetings connected with the employment legislation, employee welfare and the administration of foundations, and also took part in seminars in relevant fields. The Administrative Secretary attended training meetings on communications, publishing and the processing of grant applications, and the Office Secretary took part in training sessions on communications. In addition, the staff received training in information technology and attended information sessions and seminars arranged by organizations with which the Academy collaborates.

The Academy paid salaries or fees to a total of 26 persons during the year.

OTHER ACTIVITIES

The Finnish Academy of Science and Letters has been intimately involved in the mentoring programme for researchers arranged jointly by the Academy of Finland and the Council of Finnish Academies from May 2017 onwards, for which Olavi Nevanlinna has been the chair of the steering committee and the Secretary General a member of that committee.

During the year the Finnish Academy of Science and Letters proposed candidates for an innovation prize for women and for the Kordelin Prize for Science to be awarded by the Federation of Finnish Learned Societies.

The Governing Board was asked during the year to propose members for a number of working groups and committees, and the Academy is now represented in numerous institutions and organizations at home and abroad.

The Vice President, Anna Mauranen, with Minna Martikainen-Peltola as her dep-

uty, was chosen to be a member of the forum for international issues in higher education and research set up by the Finnish Ministry of Education and Culture.

Risto Nieminen continued in the working group on Research, Development and Innovation within the project for drawing up a road map for the “Higher Education and Research in 2030” scenario, and Pekka Aula was appointed to the steering group of the ministry’s Team Knowledge Finland network.

The Academy was represented on the board of the Federation of Finnish Learned Societies by Arto Haapala, with Elina Ikonen as his deputy, and Maria Lähteenmäki, with Merja Penttilä as her deputy. The Academy was represented at the Federation’s spring meeting in March and its autumn meeting in September by the Secretary General. Dennis Bamford was the Academy’s representative on the steering group for the Publications Forum.

The Academy was represented on the governing board of the Alfred Kordelin Foundation by Jukka Seppälä, with Keijo Hämäläinen as his deputy, and Hannu Riikonen, with Mari Vaattovaara as his deputy, and in the foundation’s science section by Seppo Hentilä, with Tuomas Forsberg as his deputy, and Eija Kalso, with Hilikka Soininen as her deputy. Its representative in the popular education section was Markku Löytönen, with Risto Nieminen as his deputy, the representative in the literature section was Heta Pyrhönen, with Marjatta Palander as her deputy, and that in the arts section Ville Lukkarinen, with Helena Hyvönen as his deputy until 6th November and Annika Waernerberg from 7th November onwards.

The Academy’s representatives on the Finnish Zoological and Botanical Publica-

tions Committee were Jaana Bäck and Jukka Jernvall, while Tapio Raunio represented the Academy in the Foundation for Foreign Policy Research. The representative on the committee of the foundations’ post-doc pool was Anna Mauranen, with Kaisa Nyberg as her deputy. Pekka Aula was appointed as the Academy’s representative on the national LUMA consultative committee, while Anna Mauranen was nominated by the Academy as a board member of The Finnish Research Impact Foundation.

The following members were serving on Academy of Finland research councils at the end of 2019: Sami Pihlström, Petri Karonen and Petri Kuoppamäki on the Research Council for Culture and Society, Reko Leino and Petri Pellikka on the Research Council for Natural Sciences and Engineering, and Esa Korpi, Kristiina Kruus, Jussi Kukkonen, Heli Peltola and Ursula Schwab on the Research Council for the Biosciences, Health and the Environment. Of these, Reko Leino, Sami Pihlström and Ursula Schwab acted as chair of their council. In addition, Kimmo Nuotio was chair of the Strategic Research Council.

Pekka Ilmakunnas represented the Academy at the Annual Meeting of the Mariankatu 5-7 real estate company in April. Pekka Aula sits on the board of that company.

Pekka Aula was the Academy’s representative at the annual meeting of the Finnish Zoological and Botanical Publications Committee in March, at the shareholders’ meeting of Vaisala Oyj in April and at the spring and autumn meetings of the Committee for Funds and Foundations. Kimmo Kontula was a patron of the Finnish LUMA Centre’s StarT Project.



The Helsinki premises of the Finnish Academy of Science and Letters are at Mariankatu 5 A.

APPENDIX 1

MEETINGS AND EVENT 2019

12TH JANUARY: PANEL DISCUSSION: THE COURAGE TO BE SILENT (PART OF THE SCIENCE FORUM 2019 PROGRAMME)

- Panel: Prof. Kari Enqvist, University of Helsinki, Kaius Niemi, editor-in-chief of Helsingin Sanomat, Academician Sirpa Jalkanen, University of Turku, Katri Saarikivi, researcher, University of Helsinki, and Ilona Herlin, vice chair of the board of the Kone Foundation.

11TH FEBRUARY: THEMATIC MEETING: EXTINCTION

- Introductions to the topic by Prof. Janne Kotiaho, University of Jyväskylä, and Anna Rotkirch, director of research, Finnish Family Federation.

11TH MARCH: THEMATIC MEETING: HOW DO MOVIES TRY TO INFLUENCE US?

- Prof. Henry Bacon, University of Helsinki: Manipulation of motivation in narratives.
- Mr Hannu-Pekka Björkman, actor: Silent information.
- Preceded by sectional meetings.

12TH APRIL: SPRING GENERAL MEETING: DISTRIBUTION OF PRIZES, SPRING MEETING AND DINNER

- Presentation of the Finnish Academy of Science and Letters Award and Medal No. 31 to Prof. Raimo Tuomela, University of Helsinki.
- Professor Tuomela's presentation lecture
- Spring meeting: discussions and decisions on statutory matters
- Celebration dinner

15TH MAY: THEMATIC MEETING IN JYVÄSKYLÄ: ACTIVITY AND WELL-BEING FOR ALL

- Morning visit to the Department of Physics and an opportunity to visit the Accelerator Laboratory in small groups.
- Afternoon seminar at the University of Jyväskylä on Activity and Well-being for All
- Introductions to the topic of the seminar by Dr Eero Haapala, post-doctoral researcher, Dr Elina Sillanpää, researcher, and Prof. Sarianna Sipilä, all of the University of Jyväskylä.

21ST MAY: SEMINAR ARRANGED BY THE JURISPRUDENCE GROUP: LEGAL RESEARCH IN 2019 – THE QUALITY OF JURISPRUDENCE

16TH SEPTEMBER: THEMATIC MEETING: NEW MEMBERS

- Introduction of new members to the Academy
- Research Prof. Niilo Kauppi, CNRS, Strasbourg: How far do university ranking lists determine visibility?
- Prof. Miia Kivipelto, Karolinska Institutet: Breakthroughs in dementia prevention: From the FINGER project to a world-wide research network

14TH OCTOBER: THEMATIC MEETING WITH THE HUMANITIES

- Presentation of the Eino Jutikkala Prize for History to Prof. Pirjo Markkola, University of Tampere
- Presentation of the Prize for the Humanities to Dr Heli Huhtamaa, University of Heidelberg
- Presentation lectures by the recipients of the two prizes

- Presentation of certificates to the recipients of grants from the Emil Öhmann Foundation and Eino Jutikkala Fund

22ND OCTOBER: NOBEL PRIZE DISCUSSION

- Arranged jointly with the other academies and Helsingin Sanomat and held in the Mediatori auditorium of the Sanna building
- Expert introductions to the work leading to Nobel Prizes in 2019.

7TH NOVEMBER: SCIENCE UNPLUGGED:

PROF. MIKAEL FOGELHOLM, NUTRITION SCIENCE

11TH NOVEMBER: AUTUMN GENERAL

MEETING, THEME: SCIENCE AND SOCIETY

- Academician Risto Nieminen, Finnish Academy of Science and Letters: Introduction to the theme.
- Dr Jaakko Kuosmanen, Academy Secretary, Science Advisory Initiative of Finland: When is politics information-based?
- Prof. Marja Makarow, director Bio-centre Finland: Science Advice for European Union decision-makers.
- Autumn Meeting: discussion of statutory matters

13TH NOVEMBER: SYMPOSIUM ON THE FUTURE OF SCIENCE ADVICE

- Arranged by the Science Advisory Initiative of Finland in collaboration with the European Commission science advice organization SAPEA.

14TH NOVEMBER: SCIENCE UNPLUGGED:

PROF. LIISA KELTIKANGAS-JÄRVINEN, PSYCHOLOGY

21ST NOVEMBER: SCIENCE UNPLUGGED:

PROF. MIKA PANZAR, ECONOMICS

28TH NOVEMBER: SCIENCE UNPLUGGED:

PROF. MINNA PALMROTH, SPACE SCIENCE

12TH DECEMBER: THEMATIC MEETING WITH

THE MATHEMATICAL AND PHYSICAL SCIENCES

- Presentation of Väisälä Prizes to Professors Goëry Genty, University of Tampere, and Tuomo Kuusi, University of Helsinki.
- Lectures by the recipients of prizes
- Presentation of certificates to the recipients of grants from the Väisälä Fund