

Annual report of the Finnish Academy of Science and Letters

GOVERNING BOARD AND SECRETARY GENERAL

In 2016, the 109th year in the history of the Finnish Academy of Science and Letters, the chairman of the Governing Board was Kirsi Tirri and the vice chairman Risto Nieminen. Pekka Ilmakunnas continued as Treasurer, Erkki Hollo as Secretary of the Section of the Humanities and Olavi Nevanlinna as Secretary of the Section of Science. Pertti Haapala, Anne Kovalainen, Jukka Seppälä and Tomi Mäkelä continued as ordinary members of the board. The Governing Board held 11 meetings in the course of the year.

At the end of the year Arto Haapala, Maria Lähteenmäki and Merja Penttilä were elected as new ordinary members for the year 2017. Tomi Mäkelä will continue as the fourth ordinary member.

The Group Reorganization Committee set up in 2015 continued its work in 2016 under the chairmanship of Risto Nieminen, as did the Working Group on Grants set up in 2014, also chaired by Risto Nie-

minen, and the EASAC Boreal Forest Monitoring Group appointed in 2015.

The compositions of the Governing Board's working groups in 2016 were as follows:

Working Group on Grants: the Vice President (chair), the Secretary General, Pertti Haapala, Pekka Ilmakunnas, Olavi Nevanlinna and Jukka Seppälä.

Group Reorganization Committee: the Vice President (chair), the Secretary General, Erkki Hollo, Anne Kovalainen, Olavi Nevanlinna, Jukka Seppälä and Kimmo Kontula.

EASAC Boreal Forest Monitoring Group: Eva-Mari Aro (chair), the secretary of the Section of Science, the Secretary General and the administrative manager.

In addition, the President and Vice President were chosen to represent the Academy on the joint committee of the Finnish Academies for the development of international affairs.

During the year the Governing Board completed the work of adapting its



The members of the Academy's Governing Board in 2016 were Pekka Ilmakunnas (back row, 2nd left), Tomi Mäkelä, Pertti Haapala, Risto Nieminen (front row, 1st left), Jukka Seppälä, Kirsi Tirri, Olavi Nevanlinna and Erkki Hollo. Also in the picture are the office staff Pekka Aula (back row, 2nd right), Leila Sarajärvi (back row, 1st left) and Nina Rapelo (back row, 1st right).

procedures to the requirements of the new Law on the Administration of Foundations that came into force in December 2015. The expert advisors consulted with regard to the awarding of grants were also informed about the demands of this new law.

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

The Academy's first full-time secretary general, Pekka Aula, took up office at the beginning of the year.

GRANTS

The Academy distributed a total of approx. 2 million euros in grants in 2016, the majority of the grants being intended for post-graduate study, for which the value of an individual grant had been raised from 23 000 to 25 000 euros for 2017. In all those cases in which the grant was made for the completion of a doctorate an

additional sum of 1600 euros was paid directly to the university concerned in compensation for the costs involved.

New regulations for the Väisälä Fund were ratified at the Academy's spring general meeting, and the year's grants were made in accordance with these. New regulations for the Eino Jutikkala Fund were approved at the autumn general meeting.

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 Governing 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 52nd year in which grants for scientific research had been distributed by the Vilho, Yrjö and Kalle Väisälä Fund. A total of 434 applications had been received (555 in 2015) amounting to approx. 8.5 (10.3) million euros in all, out of

GOVERNING BOARD 2016

Member	Position	Term of office
Kirsi Tirri	President, chairman of the Governing Board	2016–2017
Risto Nieminen	Vice President, vice chairman of the Governing Board	2016–2017
Pekka Ilmakunnas	Treasurer	2014–2018
Erkki Hollo	Secretary, Section of Humanities	2014–2018
Olavi Nevanlinna	Secretary, Section of Science	2014–2018
Pertti Haapala	ordinary member	2016 (3rd term)
Anne Kovalainen	ordinary member	2016 (3rd term)
Tomi Mäkelä	ordinary member	2016 (2nd term)
Jukka Seppälä	ordinary member	2016 (3rd term)

which 75 (80) were approved, amounting to approx. 1.4 (1.3) million euros. These awards included 53 (44) post-graduate grants of 25 000 euros for full-time study for a duration of one year and 17 (19) short-term grants for visits abroad, totaling just over 55 000 (55 000) euros.

The Eino Jutikkala Fund was distributing grants for study in the humanities for the ninth time. Applications were invited for all branches of the humanities and a total of 619 such applications (542 in 2015) were received, amounting altogether to almost 14.5 (11.8) million euros. In

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the end 19 (22) awards were made, totaling 436 000 (440 000) euros, 17 of these being for the completion of a doctorate and two for post-doctoral work. Travel grants were awarded to 6 persons working on a doctorate, representing a total sum of 18 600 (13 800) euros.

The Academy's Mathematics Fund distributed just over 12 000 (approx. 8000) euros in grants, the Emil Öhmann Foundation 45 000 (approx. 46 000) euros and the Hilikka and Otto Brusiin Foundation approx. 30 000 (30 000 in 2014) euros.

In 2016 the Academy took part for the first time in the Post Doc Pool established by the Council of Finnish Foundations, distributing 150 000 euros in this way, 100 000 euros from the Väisälä Fund and 50 000 euros from the Jutikkala Fund.

Towards the end of the year the Academy initiated a survey of the impact of

the grants that it awards, the results of which are expected to be ready in the first half of 2017.

PRIZES

The Finnish Academy of Science and Letters Academy Award for 2016, a sum of 15 000 euros, was presented to Markus Pessa, Emeritus Professor of semiconductor technology at Tampere University of Technology, in recognition of his notable achievements in that field. He was also presented with Academy Medal No. 28.

The Väisälä Prizes for 2016 went to Professor Peter Liljeroth of the Aalto University, Assoc. Professor Kaisa Matomäki of the University of Turku, at present a research fellow of the Academy of Finland, and Professor Minna Palmroth of the Finnish Meteorological Institute. This was the 17th occasion on which these prizes, each of 15 000 euros, have been awarded.

The Jutikkala Prize for History, again of 15 000 euros, was awarded to Professor Jari Ojala of the University of Jyväskylä.

The 2016 Jutikkala Prize, also of 15 000 euros, went to Dr. Jaakko Kuorikoski of the University of Helsinki. This was being awarded for the sixth time.

MEETINGS AND EVENTS

The Finnish Academy of Science and Letters held its meetings in the traditional manner in 2016, on the third Monday in each month except for January and the summer months. Sectional meetings were held in connection with the March meeting, the annual meeting in April and the autumn meeting in November. A list of the monthly meetings, see page 43.



The theme of the November meeting was "Science and music that is larger than life". The introduction to the evening's programme was a performance by the ballet dancer Minna Tervämäki.

A gathering with leading Finnish researchers, the Minister of Education and Culture and ministry officials was also arranged on the premises of the Finnish Academy of Science and Letters. In October the Academy took part in a Nobel Prize discussion in the Mediator auditorium of the Sanoma building together with the other academies and representatives of the Helsingin Sanomat newspaper.

The Academy also took part in the planning of "Science Forum 2017", being represented on the organizing committee by Tomi Mäkelä, and was asked to support the biosciences group in the Finnish Plant Science Days in Turku on 25–26th May 2016.

It was also decided during the year to arrange a series of seminars in 2017 to mark the centenary of Finnish independence. This was included in the national programme for the centenary year under the title "Year of Science 2017". At the same time it was decided that the Academy was to provide financial support for its various groups in their efforts to arrange centenary events in their own fields of study.

INTERNATIONAL ACTIVITIES

The international activities of the Finnish academies of science and letters mostly take place under the auspices of the Council for Finnish Academies, the chairman of

which was Marianne Stenius of the Finnish Society of Sciences and Letters until 31st May 2016, with Olavi Nevanlinna of the Finnish Academy of Science and Letters as vice chairman, after which Olavi Nevanlinna took over the chairmanship for the remainder of the year. The Academy's other representative on the council was Kirsi Tirri. During the year Pekka Aula was selected to replace Kirsi Tirri as a member of the Council for Finnish Academies for the term of office beginning in 2017.

Members of the Finnish Academy of Science and Letters occupied positions in many international organizations during 2016, most notably Eva-Mari Aro and Jari Valkonen in EASAC, Olavi Nevanlinna in ICSU, Jukka Kekkonen in the International Human Rights Network, Krista Varantola in ALLEA and Olavi Nevanlinna in EuroCASE.

The collaboration between the Finnish Academy of Science and Letters and the EASAC Energy Steering Panel that had begun in 2014 continued in 2016, when the Academy funded and coordinated an EASAC working group to prepare a report

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on "Boreal Forests" under the leadership of Professor Jaana Bäck of the University of Helsinki. A secretary was employed for the writing of the report over the period 15.2–31.5.2016.

Work was undertaken during the year for the organizing of a seminar on "The Future of Teacher Education in the Baltic Region: Towards Research-Based Teacher Education" at the Baltic Conference on Intellectual Cooperation in 2017, following the Academy's promise made in 2015 to arrange such a seminar. Similarly, work continued on the organizing of an international seminar on "Human Rights and the Arctic" together with the other academies and coordinated by the Council for Finnish Academies. This will be arranged jointly with the Deutsche Akademie der Naturforscher Leopoldina in Helsinki in September 2017.

Discussions were held with the embassies of France and Italy, among others, regarding new forms of international cooperation, and the possibility was raised with the British Embassy of holding a scientific event in London in 2017. It was also decided to take part in the 150th anniversary seminar of the Royal Society of New Zealand in April 2017.

The Academy suggested candidates for the Balzan Prizes and the Keio Medical Science Prize during the year.

Discussions were initiated with the Finnish Society of Sciences and Letters and the technological academies regarding the further development of international activities.

MEMBERSHIP

The Finnish Academy of Science and Letters had 723 Finnish members and 180 external members at the end of 2016.

The Annual Meeting on 15th April elected 24 new Finnish members and 12 new external members. The new members elected to the Section of Science were Hannu Fritze



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

(Natural Resources Institute), Heikki Haario (Lappeenranta University of Technology), Eero Hyry (University of Tampere), Aapo Hyvärinen (University of Helsinki), Johanna Ivaska (University of Turku), Riitta Julkunen-Tiitto (University of Eastern Finland), Kimmo Kainulainen

(University of Jyväskylä), Jari Koistinaho (University of Eastern Finland), Risto Koskiainen (University of Helsinki), Riitta Lassila (University of Helsinki), Jorma Palvimo (University of Eastern Finland), Petri Pihko (University of Jyväskylä), Juri Poutanen (University of Turku), Mika

Sillanpää (Aalto University), Maija Tenkanen (University of Helsinki) and Aila Vanhatalo (University of Helsinki).

The new members elected to the Section of the Humanities were Kai Hakkarainen (University of Helsinki), Juhani Klemola (University of Tampere), Petri Kuoppamäki

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(Aalto University), Hanna Lehti-Eklund (University of Helsinki), Veli-Pekka Lehtola (University of Oulu), Tiina Onikki-Rantajääskö (University of Helsinki), Rebecca Piekkari (Aalto University) and Mari Vaatovaara (University of Helsinki).

The new external members elected were Thomas DuBois (University of Wisconsin-Madison, USA), Christian Enss (Heidelberg University, Germany), Pasi A. Jänne (Harvard Medical School, USA), Marja Jäättelä (University of Copenhagen, Denmark), Kim Knott (Lancaster University, UK), Merja Kytö (Uppsala University, Sweden), Alan Christopher Lloyd (University of New England, Australia), Jan Malý (Charles University, Prague, Czech Republic), Gaven Martin (Massey University, New Zealand), John C. Moore (Beijing Normal University, China, and University of Lapland), Hanna Risku (University of Graz, Austria) and Michael J. Wingfield (University of Pretoria, South Africa).

The Academy mourned the deaths of the following members during the year: Ilkka Hanski, Esko Hoppu, Osmo Ikola,

Pentti Laasonen, Urmas Luosto, Kalle Majjala, Juhani Murto, Kimmo Mustakallio, Matti Myrsky, Pentti Rokkanen, Ritva Serimaa, Anna-Leena Siikala, Christian Sucksdorff, Martti Tiuri, Paavo Uusitalo and Juhani Virta.

News was also received of the deaths of the following external members: Tord Ganelius, Stig Jørgensen, Gerhard Lang, Els Oksaar and Fred Robinson.

ACADEMY CLUB FOR YOUNG SCIENTISTS

The Academy Club for Young Scientists, which began its activities in 2009, met 8 times during the year in the Academy's Väisälä Room. The papers presented and the discussions that followed may be seen on the Academy's Youtube channel.

A joint initiative by the Finnish Academy of Science and Letters and the Emil Aaltonen Foundation to create a Young Academy Finland within the Academy was announced. Similar academies have been founded in other comparable countries in recent times. It is hoped that the Young Academy Finland can begin to function in 2017.

A list of the members of the Academy Club for Young Scientists, see page 45.

PUBLICATIONS

The Finnish Academy of Science and Letters published a total of 65 papers in the series *Annales Academiae Scientiarum Fennicae* (Mathematica and Humaniora) and *Folklore Fellows' Communications* (FFC) in 2016. In addition, it produced the *FF Network* magazine and the *Academy's Year Book*.

The chairman of the Publishing Committee was the editor-in-chief of the *Mathematica* series, Olli Martio, and the other

members were Raija-Leena Punamäki (vice chairman), Jaakko Hämeen-Anttila, editor-in-chief of the *Humaniora* series, Pekka Hakamies, 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. The Publishing Committee met three times during the year.

The Academy received 117,000 euros (129,700 euros in 2015) in government assistance for its publishing work, and incomes from the sale of publications amounted to 27,433.60 (22,572.75) 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 371 (393) overseas exchange partners at the end of the year, and a total of 651 (701) copies of publications were sent out in this way.

The joint publishing committee of the Finnish Academy of Science and Letters and the Finnish Society of Sciences and Letters did not meet in 2016.

STRATEGIC PLANNING

The Governing Board continued the strategic planning begun in 2015 in the context of three meetings. Four focal points were chosen for the Academy's activities during the coming five years: 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. The board

will continue its strategic planning work in 2017.

COMMUNICATIONS

The Academy opened its new home pages on the Internet at the beginning of the year, together with a Twitter account and Facebook pages. External communications were improved by using a press release service and adopting a more active attitude towards interest groups. The Academy also made more active use of its Youtube channel. The attention paid to Academy affairs in the media was good, and coverage was achieved in *Aamulehti*, *Helsingin Sanomat*, *Yliopisto*, *Seura* and *Pan European Network: Science and Technology*. The Academy's representatives frequently appeared in the media and in events designed to publicize scientific achievements.

Increasing use was made of networking systems for internal communications and collaboration.

ECONOMY AND ADMINISTRATION OF ASSETS

The Property Management Committee which advises the Governing Board on financial matters consisted of the President, Vice President, treasurer and Secretary General together with Erkki Hollo. Timo Viherkenttä acted as an expert advisor. The committee held two meetings during the year. The Academy's assets were in the hands of *Nordea*, *Union Bancaire Privée* and *LocalTapiola Asset Management*.

The total value of the investments held in the name of the Academy and its various funds and foundations at the end of 2016 was approximately 128.3 million euros, of which 3.7 million euros were accounted for by the foundations. The total

value of investments at the end of the previous year had been 110.8 million euros. The Academy owns the premises at Mariankatu 5 in Helsinki where its offices and the meeting room of the Governing Board are located, in addition to which the Väisälä Fund together with the Emil Öhmann Foundation owns office space in a building administered by the housing company Asunto Oy Helsingin Bulevardinaukio. The combined value of these properties is approximately 3 million euros. The apartment in Eira owned by the Eino

The total value of the investments held in the name of the Academy and its various funds and foundations at the end of 2016 was approximately 128.3 million euros.

Jutikkala Fund was sold during the year. The total annual yield from the Academy's assets, including both dividends and increases in share values, was about 19% (10% in the previous year), or about 9.5% if the Väisälä Oyj shares are excluded.

The auditor of the Academy's accounts and administrative procedures in 2016 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 this Year Book. The Academy adopted a revised accounting system during the year in order to obtain a broader and more comprehensive picture of the financial consequences of its activities.

On the recommendation of the Property Management Committee the Academy updated its investment strategies and those of its funds and the foundations administered by it. It was also decided at the autumn general meeting that members of the Governing Board should be paid a fee for attending board meetings and the Academy's regular monthly meetings.

STAFF

The Academy's Secretary General was Professor Pekka Aula, the Office Manager Leila Sarajärvi, M.A., and the Assistant Nina Rapelo, M.A. It was decided at the end of the year that the office staff should in future be referred to respectively as the Administrative Manager and Administrative Assistant. Class II occupational health agreements were made for the office staff (Aula, Sarajärvi and Rapelo).

The Academy paid salaries or fees to a total of 17 persons during the year. In the case of some providers of services the Academy changed over from a salary-based to a contract-based arrangement.

OTHER ACTIVITIES

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

The Academy was represented on the board of the Federation of Finnish Learned Societies by Keijo Hämäläinen and Kirsi Tirri, with Olli Martio and Erkki Hollo as their respective deputies. Keijo Hämäläinen served as chairman of the board. The Academy was represented at the Federa-

tion's spring meeting on 14th March by Pekka Aula and at its autumn meeting on 25th October by Pekka Ilmakunnas. Tomi Mäkelä has been the Academy's representative on the organizing committee for Science Forum 2017, and Dennis Bamford began work as its representative on the steering group for the Publication Forum.

The Academy was represented on the governing board of the Alfred Kordelin Foundation by Markku Leskelä, Simo Knuutila (until 6.11.) and Hannu Riikonen (from 7.11.), with Keijo Hämäläinen, Martti Nissinen (until 6.11.) and Mari Vaattovaara (from 7.11.) as their respective deputies, and in the foundation's science section by Seppo Hentilä and Eija Kalso, with Hilikka Soininen and Jorma Sipilä as their deputies. Other representatives were Kirsi Tirri, with Leena Syrjälä as her deputy, in the popular education section, Heta Pyrhönen, with Marjatta Palander as her deputy, in the literature section and Ville Lukkarinen, with Annika Waenerberg (until 6.11.) and Helena Hyvönen (from 7.11.) as his deputies, in the arts section.

The Academy's representative on the board of the Sodankylä Observatory was Heikki Nevanlinna, with Risto Nieminen as his deputy, and its representatives on the Finnish Zoological and Botanical Publications Committee were Jukka Jernvall and Sinikka Piippo (in spring 2016) and Jaana Bäck (from autumn 2016 onwards), while Tuomas Forsberg continued to rep-

resent the Academy in the Foundation for Foreign Policy Research. The representative on the committee of the foundations' post-doc pool from the beginning of 2016 was Kirsi Tirri, with Kaisa Nyberg as her deputy.

The following members were serving on Academy of Finland research councils at the end of 2016: Maria Lähteenmäki on the Council for Culture and Society, Paula Eerola, Juha Kinnunen, Reko Leino, Juha Pekka Lunkka and Jukka Pekola on the Council for Natural Sciences and Engineering, Asla Pitkänen, Jorma Toppari and Anu Wartiovaara on the Council for Health, and Riitta Julkunen-Tiitto, Jussi Kukkonen, Johanna Mappes, Jorma Palvimo, Seppo Salminen and Lea Sistonen on the Council for the Biosciences and the Environment. Of these, Paula Eerola was acting in the capacity of chairman.

The President, Treasurer and Secretary General visited Vaisala Oyj on 22nd September at the invitation of the chairman of the board and the managing director, and the treasurer Pekka Ilmakunnas represented the Academy at the company's shareholders' meeting on 5th April. The Secretary General Pekka Aula was the Academy's representative at the annual meeting of the Finnish Zoological and Botanical Publications Committee on 30th March. Professor Kimmo Kontula, an Academy member, was a patron of the Finnish LUMA Centre's StarT project.

MONTHLY MEETINGS IN 2016

8TH FEBRUARY: SCIENCE, STATISTICS AND THE MEDIA

- Otto Auranen, science adviser, Academy of Finland: Classification of scientific publication channels for university funding purposes
- Emeritus Professor Seppo Laaksonen, University of Helsinki: The media, and even science, can have difficulties with statistics
- Professor Matti Wiberg: Scandals over news reports on opinion polls and other media wrongdoings

14TH MARCH: COOPERATION BETWEEN SCHOOLS AND UNIVERSITIES TO PROMOTE AND PUBLICIZE SCIENCE

- Professor Maija Aksela, University of Helsinki: The Finnish Luma Centre and its innovative collaboration with universities, schools and industry
- Professor Jari Lavonen, Department of Teacher Education, University of Helsinki: Partnership between schools and a university to further the goals of both – examples from international research projects on the teaching of science
- Tapio Lahtero, headmaster, Viikki Normal School, Helsinki Normal Lyceum: Teaching practice schools and local authority schools as partners in university research

15TH APRIL: ANNUAL GENERAL MEETING; DISTRIBUTION OF PRIZES, SPRING MEETING AND DINNER

- Presentation of the Finnish Academy of Science and Letters Medal No. 28 to Professor Markus Pessa, Tampere University of Technology

- Academician Risto Nieminen: The career and life's work of Emeritus Professor Markus Pessa
- Spring meeting: discussions and decisions on statutory matters, approval of the proposed new regulations for the Vilho, Yrjö and Kalle Väisälä Fund
- Celebration dinner

18TH MAY: THE OPPORTUNITIES OFFERED BY GENOME EDITING

- Visit to four university departments at BioCity Turku: molecular plant biology (University of Turku), MediCity (University of Turku), environmental and marine biology (Åbo Akademi), biophysics laboratory (University of Turku):
- This was followed by a seminar on The opportunities offered by genome editing in the President Room at BioCity Turku
- Academy Professor Johanna Ivaska, University of Turku: Molecular-level cancer research and possibilities for gene editing
- Academy Professor Eva-Mari Aro, University of Turku: The advantages of genome editing in botanical research and plant breeding
- Docent Marko Ahteensuu, University of Turku and Royal Institute of Technology, Sweden: Synthetic biology - ethics and biosecurity
- The seminar could be followed on the Internet and a recording was made available on the Academy's home pages.

12TH SEPTEMBER: NEW MEMBERS' EVENING

- Professor Riitta Lassila, University of Helsinki: Blood clotting and its ramifications
- Professor Mari Vaattovaara, University of Helsinki: New opportunities for sociological research

- Professor John C. Moore, Beijing Normal University and University of Lapland: Simulating ice sheet dynamics and geo-engineered climates
- Presentation of membership diplomas: 12 Finnish and 6 external members were present

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10TH OCTOBER: PRESENTATION OF GRANTS FROM THE BRUSIIN AND ÖHMAN FOUNDATIONS AND THE JUTIKKALA FUND, THE JUTIKKALA PRIZE AND THE EINO JUTIKKALA HISTORY PRIZE

- The Eino Jutikkala Prize for History was presented to Professor Jari Ojala, University of Jyväskylä
- The Jutikkala Prize was presented to Jaakko Kuorikoski, Univ. of Helsinki
- The prizewinners' papers were followed by the presentation of certificates to the recipients of grants from the Hilka and Otto Brusiin Foundation, the Eino Jutikkala Fund and the Emil Öhmann Foundation

13TH OCTOBER: NOBEL PRIZE DISCUSSION

- Arranged jointly with the other academies and Helsingin Sanomat and held in the Mediatori auditorium in the Sanna building

- Held in the presence of the winner of the 2016 Nobel Prize for Physics, J. Michael Kosterlitz

14TH NOVEMBER: SCIENCE AND MUSIC THAT IS LARGER THAN LIFE, ALSO AUTUMN GENERAL MEETING

- Introduction by the ballet dancer Minna Tervamäki
- Tommi Himberg, post-doctoral researcher, Aalto University: Effect of the concert hall on the experiencing of music
- Professor Tapio Lokki, Aalto University: The power of musical interaction
- Pause for coffee, followed by the autumn general meeting
- Discussion of statutory matters and approval of the proposed new regulations for the Eino Jutikkala Fund

Total of 8 monthly meetings were organised.

12TH DECEMBER: PRESENTATION OF PRIZES AND GRANTS AWARDED BY THE VILHO, YRJÖ AND KALLE VÄISÄLÄ FUND

- Presentation of Väisälä Prizes to Professors Peter Liljeroth (Aalto University), Kaisa Matomäki (University of Turku) and Minna Palmroth (Finnish Meteorological Institute)
- Peter Liljeroth: Encounters with atoms and molecules
- Kaisa Matomäki: On integers
- Minna Palmroth: Supercomputers and space
- Presentation of grants awarded by the Väisälä Fund

**MEMBERS OF THE ACADEMY CLUB FOR
YOUNG SCIENTISTS**

MEMBERS IN 2015–2016 (SPRING 2016)

- Tuuli Haikonen, D.Sc.(Agr. & For.), Natural Resources Institute (plant breeding and virology)
Tuomas Hovi, Ph.D. University of Turku (folklore studies)
Alexandros Iosifidis, D.Sc., Tampere University of Technology (signal processing)
Riku Järvinen, Ph.D., Finnish Meteorological Institute (space plasma physics)
Tuomas Kosonen, D.Soc.Sci., Institute for Economic Research (economics)
Marius Lahti, Ph.D., University of Helsinki (psychology)
Antti Nissinen, Ph.D., University of Oulu (molecular biology, cell biology)
Paavo Ojanen, D.Sc.(Agr. & For.), University of Helsinki (peatland forestry)
Adnane Osman, Ph.D., Aalto University (plasma physics, computational physics)

The Academy Club for Young Scientists met 8 times during the year. The papers presented and the discussions that followed may be seen on the Academy's Youtube channel.

- Antti Rähkä, Ph.D., University of Jyväskylä (Finnish history)
Elina Salmela, Ph.D., University of Helsinki (genetics)
Juhana Salojärvi, LL.D., University of Helsinki (legal history)

- Tiina Saloranta, D.Sc.(Tech.), Åbo Akademi (organic chemistry)
Sami Sjöberg, Ph.D., University of Helsinki (comparative literature)
Tuomas Tallinen, Ph.D., University of Jyväskylä (physics)
Elisa Uusimäki, D.Theol., University of Helsinki (exegetics)
Svetlana Vetchinnikova, Ph.D., University of Helsinki (English philology)

MEMBERS IN 2016–2017 (AUTUMN 2016)

- Jan Antfolk, Ph.D., Åbo Akademi (psychology)
Billy Bob Brumley, D.Sc.(Tech.), Tampere University of Technology (computer theory)
Andrew Dimmock, Ph.D., Aalto University (plasma physics)
Laura Ekholm, D.Soc.Sci., University of Helsinki (economic and social history)
Dan-Johan Eklund, D.Theol., University of Helsinki (philosophy of religion)
Tommi Himberg, Ph.D., Aalto University (brain research, psychology of music)
Terhi Honkola, Ph.D., University of Turku (biology)
Veli-Matti Karhulahti, D.Soc.Sci., University of Turku (media research)
Minna Karjalainen, Ph.D., University of Oulu (genetics)
Susi Lehtola, Ph.D., Lawrence Berkeley National Laboratory (computational chemistry)
Emilia Lindroos, LL.D., University of Lapland (legal linguistics)
Kaarina Matilainen, Natural Resources Institute (animal breeding)
Ulla Savolainen, Ph.D., University of Helsinki (folklore studies)
Olli Taanila, Ph.D., University of Helsinki (cosmology)
Jenna Vekkaila, Ph.D.(Educ.) University of Helsinki (education)
Jutta Viinikainen, D.Sc.(Econ. & Bus.Admin.), University of Jyväskylä (economics)