

On 14 February 2014, presentation of the four-volume academic collected articles *The Latvians and Latvia* was organised



The LAS President Ojārs Spārītis (*on the right*) handing the collected articles to the State President of Latvia Andris Bērziņš.



Event attendees (*in the 1st row from the right*): O. Spārītis, LAS Full Member J. Stradiņš, State President A. Bērziņš, Minister of Education and Science I. Druviete, member of Parliament I. Rībena.



On 20 February 2014, a ceremonial opening of the book *Grammar of the Latvian Language* resulting from the State Research Programme “Lettonics” was held



Event attendees being addressed by the Director of the Latvian Language Institute, LAS Full Member Ilga Jansone.





Laureates of the LAS Grand Medal 2013



LAS Full Member **Andris Ambainis**.
For outstanding results in the field of
quantum computing theory

LAS Foreign Member **Alvis Brāzma**.
For outstanding results in the
field of bioinformatics

Year 2012



LAS Full Member **Pauls Pumpēns**. For
significant contri-
bution to the field of
molecular virology
and upbringing of a
new generation of re-
searchers



LAS Foreign
Member **Andrievs
Ezergailis**.
For substantial
contribution to
studies of the 20th
century history of
Latvia

Year 2011



LAS Full Member
Ēvalds Mugurēvičs.
For substantial
contribution to
archaeological
research in Latvia
and editing of
medieval chronicles



LAS Foreign
Member **Richard
Villems**. For out-
standing contribution
to the field of
archeogenetics

Laureates of the Award of the Cabinet of Ministers of the Republic of Latvia



LAS Full Member
Linards Skuja. For
outstanding achievements in
the field of physics of vitreous
optical materials. Year 2012

LAS Full Member
Jekaterina Ērenpreisa. For
significant contribution to the
field of cell biology and research
on the molecular basis of malign-
ant tumours. Year 2013



**LAS Corresponding Member Vjačeslavs Kaščejevs – laureate of the award
Young Scientists 2013 granted by the World Economic Forum**



Diploma is presented by the Executive Director of the Forum, Klaus Schwab.



LAS Full Member **Andris Šternbergs** – laureate of the Medal of the Baltic Academies of Sciences in 2013.



**Awarding of the Walter Zapp Prize (on 4 September 2013) to
Professor Jānis Spīgulis for outstanding inventions in the field of fibre
optics and biophotonics**



The side-emitting optical fibres "Spigulis"



From the left: M. Auziņš, Rector of the University of Latvia, J. Ekmanis, Acting President of the Latvian Academy of Sciences, Professor J. Spīgulis, H.E. Mrs. Andrea Joana-Maria Wiktorin, ambassador of Germany in Latvia, Friedrich Oehlschläger, representative of the German company Minox, G. Ramāns, acting director of the Board of the Patent Office of Latvia.

10 years of L'Oreal fellowships in Latvia

Since 2005, ceremonial awarding of the L'Oreal Latvia fellowships "For Women in Science", with support from the UNESCO Latvian National Commission and the Latvian Academy of Sciences, is annually held at the Latvian Academy of Sciences. Over the course of ten years, financial support for research has been granted to 27 female scientists, with several of the former fellowship holders now having already become LAS members. All these years the role of the honorary patroness of the fellowship has been assumed by the former President of Latvia, LAS Full Member, Professor **Vaira Vīķe-Freiberga**.



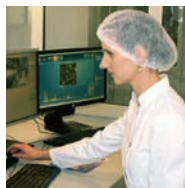
Laureates of 2011 (from the left): **Mg. Baiba Švalbe**, Vaira Vīķe-Freiberga, **Dr.med. Liene Ņikitina-Zaķe**, **Mg. Marija Duncce**.



Laureates of 2012 (from the left): **Mg. Ilze Smeltere**, **Mg. Elīna Škapare**, Vaira Vīķe-Freiberga, **Dr.sc.ing. Dagnija Loča**.



Dr.biol. Una Riekstiņa, fellowship holder in 2010. Corresponding author of the most cited scientific publication from Latvia over the last five years.



Marija Duncce, laureate of 2011, defended her PhD thesis on 3 March 2014 and was granted the degree of **Dr.phys.** She authors 10 scientific articles in material science published in international journals.



L'Oreal fellowship holders in 2013 (from the left): **Dr.biol. Zane Kalniņa**, Vaira Vīķe-Freiberga, **MD Jelīzaveta Sokolovska** and **Mg. Liāna Širmāne**.

Laureate of 2005, LAS Corresponding Member (2009) **Aija Linē** with her 'team' upon the awarding of the LAS diploma for cancer research (listed among the major scientific achievements in Latvia in 2012), together with the LAS leaders O. Spārītis and J. Ekmanis.



Ten major scientific achievements in Latvia are designated annually by the Latvian Academy of Sciences



Depiction of the authors of achievements in 2013 together with the LAS leaders after the awarding of diplomas on 8 January 2014.



Svetlana Čornaja, professor at the Rīga Technical University, leader of the group of authors of the achievement in chemistry in 2012.



Rūsiņš Mārtiņš Freivalds, author of one of the achievements in 2012, professor at the University of Latvia, also winner of the prize for the best scientific article at the Alan Turing Centenary Conference in Manchester.

Awarding of the diploma for the achievement in linguistics in 2013 to the LAS Corresponding Member **Benita Laumane**. The laureate together with the LAS President Ojārs Spārtis.



Laureates of 2013 (*from the left*): physicist LAS Corresponding Member **Aleksejs Kuzmins** and LAS Full Member **Juris Purāns**.



Diploma of 2013 awarded to *Dr.h.c. Pēteris Pildegovičs* – compiler of *Liela ķīniešu-latviešu vārdnīca* [The Big Chinese–Latvian Dictionary].



On 8 January 2013, the inauguration ceremony of the newly elected LAS President **Ojārs Spārītis** was held.



O. Spārītis after the inauguration together with the former LAS presidents (*from the left*): Tālis Millers, Ojārs Spārītis, Juris Ekmanis, and Jānis Stradiņš.



At the 13th Baltic Conference on Intellectual Cooperation (Tallinn, 28–29 January 2013). Presidents of the Baltic Academies of Sciences (*from the left*) Richard Villems (Estonia), Valdemaras Razumas (Lithuania) and Ojārs Spārītis (Latvia).

Opening of the Joint 3rd World Congress of Latvian Scientists and the 4th Congress of Lettonics (24–27 October 2011) at the Latvian Academy of Sciences. View at the meeting hall (*from the left*): LAS Full Member Baiba Rivža, honorary patroness of the 2nd and 3rd World Congresses of Latvian Scientists, LAS Full Member Vaira Vīķe-Freiberga, President of Latvia Andris Bērziņš, LAS President Juris Ekmanis, President of the European Academy of Sciences and Arts Felix Unger, adviser to the LAS President Anita Draveniece, H.E. Metropolitan Archbishop of Rīga Zbignevs Stankevičs, Chair of the LAS Senate Jānis Stradiņš.



Professor Jānis Stradiņš – 80



Chemist and historian of science Professor **Jānis Stradiņš** is the former President of the Latvian Academy of Sciences, an eminent public figure, inspirer of the Third Awakening of Latvia.

Professor Jānis Stradiņš being congratulated on the occasion of his 80th birthday by Ojārs Spārītis, President of the Latvian Academy of Sciences (*on the left*).



Professor Jānis Stradiņš delivering a lecture “Does Latvia need science?”



(*In the 1st row from the right*) President of Latvia Andris Bērziņš, Professor Jānis Stradiņš with his spouse Laima and conference moderator Ainārs Dimants during opening moments of the conference celebrating the 80th birthday of Prof. Stradiņš.

An exhibition of photographs entitled “Our Jānis Stradiņš” was held at the Latvian Academy of Sciences in honour of the 80th birthday of Professor Jānis Stradiņš. From the exhibition materials:



Together with the presidents of the Baltic States at the Rīga Castle on 3 July 2007 (from the right): Jānis Stradiņš, Valdas Adamkus (Lithuania), Vaira Vīķe-Freiberga (Latvia), Toomas Hendrik Ilves (Estonia).



The Awakening period – the return of the red-white-red flag on the Tower of the Holy Spirit of the Rīga Castle (on 11 November 1988).

On 12–13 September 2011, the Paul Walden 7th Symposium on Organic Chemistry with wide international participation was held at the Rīga Technical University.



A memorial plaque “Citation of Chemical Breakthrough” was presented to the Rīga Technical University by the American Chemical Society in honour of the Walden inversion discovered in 1896, which was set up at the Faculty of Material Science and Applied Chemistry.



Participants of the symposium.



On 10 February 2012, on the occasion of the centenary anniversary of the Rīga-born distinguished mathematician and space theoretician **Mstislav Keldysh**, a visit to the Latvian Academy of Sciences was paid by representatives from the Keldysh Institute of Applied Mathematics of the Russian Academy of Sciences and the Memorial Study Room of M. Keldysh (Moscow). Depiction of the Chair of the LAS Senate J. Stradiņš (*first on the right*) and event attendees at the monument to M. Keldysh.



A new transmission electron microscope Tecnai GF20 set up at the Institute of Solid State Physics (depiction of Dr. Krišjānis Šmits at the novel apparatus).

800 MHz spectrometer of nuclear magnetic resonance (NMR) set up at the Latvian Institute of Organic Synthesis, marking the emergence of a new international NMR centre in the Baltic Sea region.

