THE YEAR IN REVIEW; MESSAGE OF THE CHAIR

This is my last message as chair of the Research Commission as I am terminating my mandate in this position, after 8 years in office. These eight years have been quite rewarding as I have had the pleasure to witness directly the very positive evolution of the quality of the research performed by our PhD students and our young professors.

The work performed by the Research Commission relies first on the dedication of its members and I would like here to express here, for the last time, my profound gratitude. I have really enjoyed our discussions and confrontations on the different topics that we had to deal with. Even if the quality of the files that we have to study and evaluate is constantly improving, the preparation of the different meetings of the Research Commission is highly demanding. As a typical example, each of the members of the EPFL PhD prize committee has to read between 8 and 10 PhD manuscripts for the two main sessions of the committee. Once again, the quality of our work heavily depends on their dedication.

The work performed by the Research Commission of EPFL relies also very heavily on the dedication of our administrative team, whom I would like to thank here. They are solving all the difficulties for the Research Commission, they are also organizing all the meetings therefore allowing us to concentrate on the scientific aspects of the problems, all administrative aspects being out of the way.

In 2015 again, as has become now rather usual for us, we have again witnessed the improvement of the quality of the research performed at EPFL. This quality can be assessed first by the progression of EPFL in the different rankings, such as the Leiden or the QS ranking. It may also be seen with many other indicators such as for example the simple number of ERC grants at EPFL.

To conclude, I would like to congratulate all members of the EPFL community for the improving quality of their files, the members of the Research Commission for their dedication and the team of the Research Office for the outstanding quality of their support.

As a final remark, I am passing the flambeau to my successor Kay Severin. I thank him for taking over this responsibility and I am sure that he will perform an outstanding job as a President of the research commission.

Prof. Benoît Deveaud
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TASKS OF THE RESEARCH COMMISSION TOWARDS THE SNSF

- Reviewing applications for Advanced Postdoc.Mobility fellowships
- Reviewing and grantings for Doc.Mobility and Early Postdoc.Mobility fellowships
- Reviewing and selecting Doc.CH applications for the second phase of the evaluation

TASKS OF THE RESEARCH COMMISSION TOWARDS THE EPFL

- Promotion of Research at EPFL
- Reflection on the strategy and rules of EPFL, inputs for the Direction
- Reviewing research proposals submitted to the SNF or to similar granting institutions, upon request from the Délégué à la recherche
- Reviewing equipment requests submitted to the EPFL, upon request from the Délégué à la recherche
- Selection of the Cofund projects: EPFL-fellows.
- Selection of the Symposium Latsis
- Selection of the awardees of the following research prizes:
  - Prix de la Fondation Latsis Universitaire
  - EPFL doctorate awards
  - Professor René Wasserman award
  - Dupont des Matériaux award
  - Fondation Dimitris N. Chorafas awards
  - ABB award
  - ZKS award
- Participation in the organization of the “Journée Magistrale” and “Research Day” – Research Award Distributions
- Coordination of the proposals for international research awards
PRESENTATION OF THE RESEARCH COMMISSION

STRUCTURE OF THE RESEARCH COMMISSION

The Research Commission is composed by fourteen members that are professors coming from all the faculties of the EPFL. Then the Commission is helped into three panels composed by 7 members each. The Research Commission is led by the Dean of Research, and each panel has a Chair and a Vice-Chair.

The panels meet twice a year to evaluate the proposals received, and the Research Commission meets 7 times per year in order to take the final decisions.

During year 2015, the Research Commission evaluated approximatively 88 proposals for the Doc.Mobility and Early Postdoc.Mobility SNSF programme and gave a recommendation for about 27 proposals for the Advanced.Mobility Programme. The Research Commission also evaluated 7 proposals for the prizes and awards.
ADVANCED POSTDOC.MOBILITY

AIM

Advanced Postdoc.Mobility fellowships are designed for postdocs who wish to enhance their scientific profile by working at a research institution abroad. In addition to the fellowship, applicants can request a grant for a research period upon returning to Switzerland.

The fellowships include a grant for subsistence costs, a flat-rate for travel expenses and a possible contribution to research, conference costs and matriculation fees. The return grant includes a salary and social security contributions. The funding period is 12 to 36 months (fellowship) and 3 to 12 months (return phase).

The Advanced Postdoc.Mobility fellowships enable young scientists planning to follow an academic career to benefit from a stay abroad in order to increase their knowledge and scientific reputation.

(Source: http://www.snf.ch/en/funding/careers/advanced-postdoc-mobility/Pages/default.aspx)
APPLICATIONS

In 2015, the CR has reviewed 27 applications (26 applications - in 2014); 15 of them have been granted by the SNSF.

Figure 1: Shows the number of applications and the success rate of the last ten years for this fellowship program. As can be seen, the number of applications increases and the success rate therefore decreases.

![Advanced Mobility Fellowships Success Rate Chart]

Figure 1: Evolution of application number for Advanced Postdoc. Mobility fellowships and success rates, 2003 - 2015
EARLY POSTDOC.MOBILITY

AIM

Early Postdoc.Mobility fellowships are designed for postdocs at the beginning of their career who wish to enhance their scientific profile by working at a research institution abroad.

The fellowships include a grant towards living costs, a flat-rate for travel expenses and, if justified, a contribution towards research and conference costs as well as matriculation fees. In principle, these fellowships are awarded for 18 months, in justified cases for at least 12 months.

(Source: http://www.snf.ch/en/funding/careers/early-postdoc-mobility/Pages/default.aspx)
APPLICATIONS

In 2015, the CR has reviewed 84 applications (88 in 2014) for the Early Postdoc.Mobility and Doc.Mobility together; 46 (49 in 2014) fellowships have been approved. Figure 2: shows the number of applications and the success rate of the last ten years for this fellowship program.
COFUND PROJECT: EPFL-FELLOWS II

AIM

The ‘EPFL Fellows’ postdoctoral fellowship programme, co-funded by Marie Skłodowska-Curie, received renewed funding from the European Union’s Horizon 2020 Framework Programme for Research and Innovation for two new calls in 2015 and 2016.

‘EPFL Fellows II’ aims to attract experienced researchers of any nationality to EPFL to provide them with state-of-the-art conditions for research in a top-class academic environment, to develop their leadership potential and to position them for success as future research leaders through an intensive training. Fellowships can be held in any EPFL scientific discipline for a period of 24 months.

‘EPFL Fellows’ started in 2013 with the support of the EU MCA-COFUND (FP7). As a result of the first two calls in 2013 and 2014, 24 highly talented researchers were granted an ‘EPFL Fellows’ fellowship.

In the context of this new Horizon 2020 COFUND project (#665667) several new elements were introduced in ‘EPFL Fellows II’ to align it with the principles set out by the EU for human resources development in Research and Innovation. The 2015 and 2016 calls for the ‘EPFL Fellows’ postdoctoral fellowship programme will welcome 48 promising scientists which is an increase in the number of fellowships. There will also be a stronger focus on inter-disciplinarily and cross-sectorial mobility, the transfer of technology to the market place and outreach activities.

This project takes the ‘EPFL Fellows’ postdoctoral fellowship programme to its next level and opens the doors of EPFL and Europe to two new cohorts of 24 promising scientists.

The deadline for the submission of applications was 1 October 2015. The results of the call are described below.
UPDATE ON THE 2014 CALL AND RESULTS OF THE 2015 CALLS

All Fellows who were selected in the 2014 call (see annual report CR 2014) started their fellowship in 2015. A web-site was created with information on the Fellows and their projects (see: http://research-office.epfl.ch/funding/internal-non-profit/epfl-fellows-marie-curie/granted-fellowships-2014).

On 1 October 2015 a total number of 89 applications were submitted for the 2015 call. 84 applications passed the eligibility and plagiarism check and were submitted for evaluation.

Most of the applications were submitted by the faculty of Engineering/STI (27), followed by the other Faculties: Basic Sciences/SB (25), Life Sciences/SV (20), Civil and Environmental Engineering/ENAC (8), Management of Technology/CDM (3) and Computer and Communication Sciences/IC (1).

‘EPFL Fellows’ fellowships are awarded through an independent, international, peer review process designed to ensure excellence. A multidisciplinary Evaluation Committee made up of 78 international experts from the US, EU and associated countries assessed the applications. Committee members were responsible for evaluating the relative merits of each application submitted to them for review – except those which raise a conflict of interest – on the basis of the adjudication criteria of the programme: ‘Excellence’, ‘Impact’ and ‘Implementation’.

Each research proposal was assigned to three evaluators. The International Evaluation Committee members provide written assessments (via the online platform) and make recommendations about which applications to fund (scoring). The Evaluation Committee membership covers all fields of research at EPFL, as the fellow has the freedom to choose a research topic (research group, supervisor) fitting his/her individual needs and in any scientific discipline at the EPFL in order to enhance his/her scientific career.

Within the ‘EPFL Fellows’ programme, special attention is paid to promote the career of female scientists. Gender issues are taken into account and considered of special importance during the whole evaluation procedure. For this call of the ‘EPFL Fellows’ programme the Office received 84 applications for 24 fellowships. 25 out of these 84 applications came from female researchers (30%).

The quality of the submitted proposals was high. Based on the results of the international review process, the EPFL Research Commission selected 24 candidates who were offered the fellowship and 12 candidates for the waiting list during its meeting of 28 January 2016. Two selected candidates handed back the EPFL fellowship since they had accepted other funding opportunities and the two first candidates on the waiting list were contacted and they accepted the EPFL Fellows fellowship.

The total amount granted for the 2015 call is Euro 1,512,000 (24 Fellows x 24 months).
The table below shows the total number of applications, successful applications and success rate. The global success rate of the 2015 call was 29%.

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Applications #</th>
<th>EPFL Fellows #</th>
<th>Success rate (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>STI</td>
<td>27</td>
<td>8</td>
<td>30</td>
</tr>
<tr>
<td>SB</td>
<td>25</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>SV</td>
<td>20</td>
<td>9</td>
<td>45</td>
</tr>
<tr>
<td>ENAC</td>
<td>8</td>
<td>1</td>
<td>13</td>
</tr>
<tr>
<td>IC</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>CDM</td>
<td>3</td>
<td>1</td>
<td>33</td>
</tr>
<tr>
<td>CDH</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>84</td>
<td>24</td>
<td>29</td>
</tr>
</tbody>
</table>
Below is an overview of the Fellows who were selected as a result of the 2015 call (this table includes the two Fellows from the waiting list who replaced the two grantees who were not able to accept the fellowship).

<table>
<thead>
<tr>
<th>Name Candidate</th>
<th>Gender</th>
<th>Nationality</th>
<th>PI</th>
<th>Host Lab</th>
<th>Faculty</th>
<th>Title Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asadzadehtabrizi Jamshid</td>
<td>M</td>
<td>Iran</td>
<td>McCabe Brian Donald</td>
<td>Prof. McCabe Group (UPMCCABE)</td>
<td>SV</td>
<td>Identifying transcription factor targets in neuronal circuits</td>
</tr>
<tr>
<td>Bonet Martinez Jaume</td>
<td>M</td>
<td>Spain</td>
<td>Ferreira De Sousa Correia Bruno</td>
<td>Laboratory of Protein Design &amp; Immunomeengineering (LPDI)</td>
<td>STI</td>
<td>Novel approaches towards the structure-based design of immunogens for malaria vaccine development</td>
</tr>
<tr>
<td>Broichhagen Johannes</td>
<td>M</td>
<td>Germany</td>
<td>Johnsson Kai</td>
<td>Laboratory of Protein Engineering (LIP)</td>
<td>SB</td>
<td>NADP-Snifit</td>
</tr>
<tr>
<td>Campi Davide</td>
<td>M</td>
<td>Italy</td>
<td>Marzari Nicola</td>
<td>Laboratory of theory and simulation of materials (THEOS)</td>
<td>STI</td>
<td>Computational design of novel 2d-materials for electronic applications</td>
</tr>
<tr>
<td>Chen Wanze</td>
<td>M</td>
<td>China</td>
<td>Deplancke Bart</td>
<td>Prof. Deplancke Group (UPDEPLA)</td>
<td>SV</td>
<td>Exploring beige adipocyte origin and differentiation using single cell transcriptomics</td>
</tr>
<tr>
<td>Gainza Cirauqui Pablo</td>
<td>M</td>
<td>Costa Rica/Spain</td>
<td>Ferreira De Sousa Correia Bruno</td>
<td>Laboratory of Protein Design &amp; Immunomeengineering (LPDI)</td>
<td>STI</td>
<td>A general framework for structure-based de novo design of protein binders</td>
</tr>
<tr>
<td>Girard Gabriel</td>
<td>M</td>
<td>Canada</td>
<td>Thiran Jean-Philippe</td>
<td>Signal Processing Laboratory 5 (LT5S)</td>
<td>STI</td>
<td>Microstructure embedded white matter tractography of the human brain</td>
</tr>
<tr>
<td>Görl Daniel</td>
<td>M</td>
<td>Germany</td>
<td>Frauenrath Holger</td>
<td>Laboratory of Macromolecular and Organic Materials (LMOM)</td>
<td>STI</td>
<td>Rigid oligoyne surfactants</td>
</tr>
<tr>
<td>Grancini Giulia</td>
<td>F</td>
<td>Italy</td>
<td>Nazeeruddin Mohammad Khaja</td>
<td>SCI-SB-MN Group (SCI-SB-MN)</td>
<td>SB</td>
<td>Fundamental physics behind high-efficient hybrid perovksite solar cells</td>
</tr>
<tr>
<td>Jin Kyong Hwan</td>
<td>M</td>
<td>Korea</td>
<td>Unser Michaël</td>
<td>Biomedical Imaging Laboratory (LIB)</td>
<td>STI</td>
<td>Sparse-view differential phase contrast computed tomography using low-rank fourier interpolator</td>
</tr>
<tr>
<td>Name</td>
<td>Gender</td>
<td>Country</td>
<td>Institution</td>
<td>Commission</td>
<td>Project Description</td>
<td></td>
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<td>------------------------------------------------------------------------------</td>
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<td></td>
</tr>
<tr>
<td>Liu Yizhu</td>
<td>M</td>
<td>China</td>
<td>Severin Kay, Laboratory of Supramolecular Chemistry (LCS)</td>
<td>SB</td>
<td>Turning nitrous oxide a real oxidant with Cu complexes</td>
<td></td>
</tr>
<tr>
<td>Morató Laia</td>
<td>F</td>
<td>Spain</td>
<td>Sandi Perez Maria del Carmen, Behavioral Genetics Laboratory (LGC)</td>
<td>SV</td>
<td>The role of Mitofusin-2 in vulnerability to stress-induced depression</td>
<td></td>
</tr>
<tr>
<td>Newton Christopher Gordon</td>
<td>M</td>
<td>New Zealand</td>
<td>Cramer Nicolai, Laboratory of Asymmetric Catalysis and Synthesis (LCSA)</td>
<td>SB</td>
<td>Catalytic atropoenantioselective synthesis of biaryls via CH functionalization</td>
<td></td>
</tr>
<tr>
<td>Pontis Julien Paul André</td>
<td>M</td>
<td>France</td>
<td>Trono Didier, Laboratory of Virology and Genetics (LVG)</td>
<td>SV</td>
<td>Deciphering the roles of transposable elements in 3D genome architecture and gene expression</td>
<td></td>
</tr>
<tr>
<td>Raiteri Emilio</td>
<td>M</td>
<td>Italy</td>
<td>De Rassenfosse Gaétan, Chair of Innovation and IP Policy (IIPP)</td>
<td>CDM</td>
<td>Innovative public procurement as an innovation policy</td>
<td></td>
</tr>
<tr>
<td>Rey Valentine Ginette Madeleine</td>
<td>F</td>
<td>France</td>
<td>Molinari Jean-François, Computational Solid Mechanics Laboratory (LSMS)</td>
<td>ENAC</td>
<td>Plasticity for normal contact between rough surfaces</td>
<td></td>
</tr>
<tr>
<td>Rojas-Sutterlin Shanti</td>
<td>F</td>
<td>Canada</td>
<td>Naveiras Torres-Quiroga Olaia Maria, Naveiras Group (GR-NAVEIRAS)</td>
<td>SV</td>
<td>Immune-tolerance and the hematopoietic stem cell niche: redefining the mesenchymal to preadipocyte differentiation axis within the bone marrow</td>
<td></td>
</tr>
<tr>
<td>Saliba Michael</td>
<td>M</td>
<td>Germany</td>
<td>Graetzel Michael, Laboratory of Photonics and Interfaces (LPI)</td>
<td>SB</td>
<td>Perovskite/silicon tandem for sustainable energy production</td>
<td></td>
</tr>
<tr>
<td>Sergeeva Oksana Andrei</td>
<td>F</td>
<td>USA/Russia</td>
<td>van der Goot Grunberg Françoise Gisou, Prof. van der Goot Group (VDG)</td>
<td>SV</td>
<td>Probing exosome biogenesis and uptake by using anthrax toxin as a tool</td>
<td></td>
</tr>
<tr>
<td>Sorrentino Vincenzo</td>
<td>M</td>
<td>Italy</td>
<td>Auwerx Johan, Nestlé Chair in Energy Metabolism (NCEM)</td>
<td>SV</td>
<td>Identification of novel compounds to treat rare mitochondrial diseases</td>
<td></td>
</tr>
<tr>
<td>Tamura Keita</td>
<td>M</td>
<td>Japan</td>
<td>Petersen Carl, Sensory Processing Laboratory (LSENS)</td>
<td>SV</td>
<td>Dynamic cortical integration in perception-dependent behavior revealed by wide-field voltage and calcium imaging combined with optogenetic intervention in task-performing mice</td>
<td></td>
</tr>
<tr>
<td>Tittl Andreas</td>
<td>M</td>
<td>Germany</td>
<td>Altug Yanik Hatice, Bionanophotonic Systems Laboratory</td>
<td>STI</td>
<td>Active plasmonic metasurfaces for mid-infrared phase control and adaptive optics</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Gender</td>
<td>Country</td>
<td>Department</td>
<td>Acronym</td>
<td>Description</td>
<td></td>
</tr>
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<td>-----------------------</td>
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<td>-------------------------------------------------</td>
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<td>-----------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Wagner Fabien Bertrand Paul</td>
<td>M</td>
<td>France</td>
<td>Courtine Grégoire IRP Chair on Spinal Cord Repair (UPCOURTINE)</td>
<td>SV</td>
<td>From spikes to electrocorticograms: brain-spinal interfaces across cortical spatial scales to restore locomotion after spinal cord injury</td>
<td></td>
</tr>
<tr>
<td>Zhuang Katie</td>
<td>F</td>
<td>USA</td>
<td>Micera Silvestro Translational Neural Engineering Laboratory (TNE)</td>
<td>STI</td>
<td>Rethinking myoelectric control: an exploration of recording methods and novel control strategies</td>
<td></td>
</tr>
</tbody>
</table>

For further information, please visit: [http://research-office.epfl.ch/EPFLFellowsMarieCurie](http://research-office.epfl.ch/EPFLFellowsMarieCurie)
RESEARCH AWARDS

One of the missions of the Research Commission is to reward the young researchers who performed particularly well during the past year, in granting them one with of the EPFL research awards. These research awards are distributed during the “Magistrale” at EPFL.

“MAGISTRALE” – 02.10.2015

DOCTOR HONORIS CAUSA

Three honorary doctorates were awarded at the 2015 graduation ceremony. Mathematician and computer scientist Bonnie Berger received the first one. Over 20 years ago, this MIT professor sought out the most interesting and thorniest problems on which to test the algorithms that she developed. She then made her name in the life sciences where she studied protein folding, emerging as a pioneer in the early days of computational biology.

Microbiologist Margaret McFall-Ngai, a professor at the University of Hawaii, was the second recipient. This researcher works at the forefront of immunology and marine biology. She is one of the first researchers to attempt to grasp the symbiotic relationship between animals and bacteria. The study of microbiome is now among the most promising and exciting areas of research, thanks largely to her innovative work.

The third honorary doctorate was awarded to Frederik Paulsen. The CEO of Ferring Pharmaceutical, based in Saint-Prex, has supported EPFL’s research in the area of limnology (the study of lake ecosystems) over the past few years. He sponsors a chair at EPFL in this field and financed ambitious research programs in Lake Baikal and Lake Geneva involving Swiss, Russian and French scientists.
EPFL DOCTORATE AWARDS

The EPFL Doctorate Award was established in 1993 to distinguish the work performed during an outstanding doctoral thesis at the EPFL, and to encourage particularly qualified researchers. The award honours a candidate who performed a remarkable thesis as to its originality, the impact of the results (publication(s) in one or several international journals) and presentation of the work.

GILLES PUY

EFFICIENT COMPRESSIVE SAMPLING STRATEGIES AND NOVEL RECONSTRUCTION METHODS WITH APPLICATIONS IN MRI

“For his remarkable contributions to the theoretical analysis and the applications of sparse representations for inverse problems and compressive sensing, pioneering accelerated spread spectrum sensing techniques with applications ranging from medical imaging to radio-astronomy.”

Prof. P. Vandergheynst

LUKAS KULL

HIGH-SPEED CMOS ADC DESIGN FOR 100 GB/S COMMUNICATION SYSTEMS

“For developing the analytical modeling framework for performance optimization in high-speed successive approximation (SAR) based analog-to-digital converters (ADC), and for his groundbreaking work in designing an entire range of record-breaking time-interleaved ADCs achieving the highest demonstrated sampling frequencies in their category.”

Prof. Y. Leblebici, Dr T. Toifl
The "Professeur René Wasserman" prize sponsored by the family Wasserman, founder of the group Eutectic-Castolin and Terolab Service Management SA, rewards either a Doctoral Thesis or Post-doctoral research, undertaken at the EPFL.

The purpose of the award, maximum 10’000.- CHF, is to distinguish innovative and high level research in the field of new materials. The applicant (scientist or member of a research team) should be less than 40 years old at the moment of the application.

CHRISTIAN MONACHON

THERMAL BOUNDARY CONDUCTANCE BETWEEN METALS AND DIELECTRICS

“For his significant contribution to the understanding of heat transfer at metal/dielectric interfaces and particularly for giving experimental evidence for the importance of the stiffness of the chemical bond across the interface for better heat transfer, allowing him to propose and reduce to practice specific modifications of said interfaces to improve the coefficient of heat transfer between electronic and phononic heat conductors.”

Prof. A. Mortensen, Dr L. Weber
ASEA BROWN BOVERI LTD. (ABB) AWARD

The "ABB (Asea Brown Boveri)" award rewards an innovative and high level research. Two awards are given each year, one at the EPFL and another at the ETHZ. The amount of the award is variable, with a maximum of CHF 10'000.-.

AMALIE DUALEH

ANALYSIS OF KEY ELECTRONIC, OPTICAL AND STRUCTURAL PARAMETERS IN MESOSCOPIC SOLID-STATE SOLAR CELLS

“For her efforts in understanding the inherent complexity and thermal behaviour of high efficiency perovskite and mesoscopic solar cells, the device mechanisms and interface interaction phenomena using different molecular sensitizers and hole transporting materials.”

Prof. M. Graetzel, Dr. M. K. Nazeeruddin

BO JIANG

CERAMICS BASED TECHNOLOGIES FOR HIGH-TEMPERATURE MICRO-REACTORS

“For his important achievements in LTCC micro reactor technology and the realization of nano-catalytic micro reformers for partial oxidation of propane to feed micro solid oxide fuel cells with syngas.”

Prof. P. Muralt, Dr. T. Maeder
“FONDATION DIMITRIS N. CHORAFAS” AWARDS

The purpose of the EPFL Dimitris N. Chorafas Foundation award is to distinguish innovative and high level research in the field of advanced data processing technology, life sciences and/or sustainability.

MOMCHIL MINKOV

MODELING AND OPTIMIZATION OF PHOTONIC CRYSTAL STRUCTURES

“For developing an original approach to the design and optimization of photonic crystals, opening the door to semiconductor nano-devices with ultra-high quality factor and enhanced optical nonlinearities, with applications to nanotechnology, bio-sensing, and quantum information.”
Prof. V. Savona

MINGFU SHAO

MODELS AND ALGORITHMS FOR COMPARATIVE GENOMICS

“For innovative formulations of integer-linear programs and creative uses of preprocessing and constraint generation for solving such integer-linear programs efficiently in the study of genome evolution through duplications, losses, and rearrangements.”
Prof. B. Moret
FONDATION LATSIS INTERNATIONALE AWARD

The purpose of the "Fondation Latsis Internationale" award is to distinguish a scientific work of particular excellence from all EPFL research areas.

HUGO DIL

"Influence of Spin-Orbit Interaction (SOI) on the Electronic Structure of Novel Materials"

"For his major contributions in the area of topological insulators, and in particular the identification of spin texture in topological surface states and the spin interference phenomenon."

ZENO KARL SCHINDLER/EPFL AWARD

The purpose of the "Zeno Karl Schindler/EPFL" Prize is to distinguish a postdoctoral work (high level research project and publications) of particular excellence performed at EPFL, in the field of environmental sciences and/or sustainability.

ENDRE HORVÁTH

SWOXID: NEXT GENERATION FILTERS FOR AIR -AND WATER PURIFIERS

"For the development of a simple and efficient filtering system for water and air purification based on novel nanostructures."

Prof. L. Forró
CREDIT SUISSE AWARD

Each year the Credit Suisse Foundation rewards an EPFL lecturer or education team for their contribution to excellence in teaching. Candidates are selected based on their overall contribution to teaching (including lectures, student projects, texts and other educational materials), in particular its original and innovative character, as well as its enhancement of the image of teaching.

JAMILA SAM AND JEAN-CEDRIC CHAPPELIER

In recognition of their devotion, enthusiasm and innovation in teaching programming. They not only taught thousands of EPFL students but also many people outside EPFL developing the first french-language MOOCs for education in Africa and by making major campus-wide contributions for the “Information – Computation and Communication (ICC)” course, which has become an example around the world.

FOR FURTHER INFORMATION PLEASE VISIT

http://research-office.epfl.ch/awards
### Panel I
- **Chair**: Aude Billard (STI)
- **Vice-Chair**: Henrik Ronnow (SB)
- Nicola Marzari (STI)
- Hans Peter Herzig (STI)
- Fabrizio Carbone (SB)
- Paolo De Los Rios (SB)
- Olivier Schneider (SB)

### Panel II
- **Chair**: Bixio Rimoldi (I&C)
- **Vice-Chair**: Donna Testerman (SB)
- Joachim Krieger (SB)
- Viktor Kuncak (I&C)
- Dieter Dietz (ENAC)
- Serge Vaudenay (I&C)
- Eugen Brühwiler (ENAC)

### Panel III
- **Chair**: Freddy Radtke (SV)
- **Vice-Chair**: Kay Severin (SB)
- Vassily Hatzimanikatis (SB)
- Yann Barrandon (SV)
- Xile Hu (SB)
- Grégoire Courtine (SV)
- Alexandre Buttler (ENAC)
MEETINGS

1. Monday 26 January 2015
   *EPFL Fellows: Decision meeting*
2. Thursday 19 February 2015
   *EPFL Doctorate 3rd meeting*
3. Monday 16 March 2015
   *René Wasserman Award*
4. Tuesday 24 March 2015
   *Symposium Latsis 2016*
5. 26 March – 16 April 2015
   *Panels meeting: Doc.Mobility & Early Postdoc.Mobility 1st assessment*
6. Thursday 2 April 2015
   *Chorafas Foundation Award*
7. Tuesday 28 April 2015
   *Applications for Doc.Mobility and Early Postdoc.Mobility final assessment and decisions*
8. Tuesday 12 May 2015
   *Prix Fondation Latsis Internationale*
9. Tuesday 16 June 2015
   *ZKS Award*
10. 21 September – 2 November 2015
    *Panels meeting: Doc.Mobility & Early Postdoc.Mobility 1st assessment*
11. Tuesday 3 November 2015
    *Applications for Doc.Mobility and Early Postdoc.Mobility final assessment and decisions*