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The «Platform Chemistry» of the Swiss Academy of Sciences (SCNAT) together with the Swiss Chemical Society (SCS) announced the «2019 Chemistry Travel Award». This program supports excellent PhD students in chemical sciences by sponsoring them to participate in an international conference. Students from all fields of chemistry and from any Swiss institution were invited to participate and a large number of applications was received. The selection committee is set up with four chemists working in diverse fields of chemistry: Prof. Dr. Christian Bochet (SCS, University of Fribourg), Dr. Marc Suter (SCS, Eawag), Prof. Dr. Shana Sturla (SCNAT, ETH Zurich) and Prof. Dr. Oliver Wenger (SCNAT, University of Basel). They each reviewed and rated all of the applications (except their own students’), based primarily on the submitted conference abstract and the scientific achievements.

Last year’s winners Benjamin Bauer (EPF Lausanne) and Erwin Lam (ETH Zurich) had to withdraw their application because they could not attend the conference for which they received the travel award. In consequence, they were allowed to participate again and the number of awards is increased this year.

On behalf of SCNAT and SCS we hereby congratulate this year’s winners and wish them a very successful conference participation.

We proudly present the winners of the «2019 Chemistry Travel Award»:

Ryo Asakura (Empa & University of Geneva)
Group: Prof. Dr. Hans Hagemann
Conference: 22nd International Conference on Solid State Ionics (SSI-22)
Title: Electrochemical Oxidative Stability of Hydride-Based Solid-State Electrolytes

Mehrdad Asgari (EPF Lausanne)
Group: Prof. Dr. Wendy Queen
Title: Study of Structural Derived Parameters on the Gas Adsorption Properties of Cu-BTTri Framework by in-situ Diffraction Techniques

Mohammad Asghari (ETH Zurich)
Group: Prof. Dr. Andrew de Mello
Conference: Gordon Research Conference (GRC): Microfluidics for Studying Complex Systems
Title: Oscillatory Viscoelastic Microfluidics for Efficient Focusing and Separation of Particles

Benoit Audic (EPF Lausanne)
Group: Prof. Dr. Nicolai Cramer
Conference: 26th International Symposium: Synthesis in Organic Chemistry
Title: Mild and General Complexation for Cp Ligands: Ligand Design and in-situ Applications

Hazem Ahmed (ETH Zurich)
Group: Prof. Dr. Simon M. Ametamey
Conference: International Society of Radiopharmaceutical Sciences Meeting 2019
Title: Rapid and Chemoselective Ligation of Hydroxylamine-functionalized Biomolecules with [18F]6-Fluoronicotinoyltrifluoroborate at Room Temperature

Lichen Bai (EPF Lausanne)
Group: Prof. Dr. Xile Hu
Conference: The 47th IUPAC World Chemistry Congress, IUPAC 2019
Title: A Cobalt-Iron Double-Atom Catalyst for the Oxygen Evolution Reaction

Samantha Anderson (EPF Lausanne)
Group: Prof. Dr. Berend Smit
Conference: 102nd Canadian Chemistry Conference and Exhibition

Loren Ban (ETH Zurich)
Group: Prof. Dr. Ruth Signorell
Conference: Gordon Research Conference: Molecular and Ionic Clusters
Title: Photoelectron Velocity-Map Imaging of Charged Submicron-sized Droplets
Tomislav Begusic (EPF Lausanne)
Group: Prof. Dr. Jiri Vanicek
Conference: 10th Congress of the International Society of Theoretical Chemical Physics
Title: Single-Hessian Thawed Gaussian Approximation: The Missing Rung on the Ladder

Bogdan Benin (ETH Zurich)
Group: Prof. Dr. Maksym Kovalenko
Conference: NanoGe Fall Meeting
Title: Low-dimensional Tin-halides: Properties and Novel Applications

Roxan Calvo (ETH Zurich)
Group: Prof. Dr. Antonio Togni
Conference: European Symposium on Organic Chemistry
Title: Facile Access to Nitroarenes and Nitroheteroarenes Using N-nitrosaccharin: An Electrophilic Nitrating Reagent

Ka Wing Chan (ETH Zurich)
Group: Prof. Dr. Christophe Copéret
Conference: EuropaCat 2019
Title: Initiation in Molecular and Supported Alkene Metathesis Catalysts

Caroline Davis (Eawag & ETH Zurich)
Group: Prof. Dr. Elisabeth Janssen
Conference: SETAC Europe 29th Annual Meeting
Title: Environmental Fate of Antimicrobial Peptides

Lorena De Luca (ETH Zurich)
Group: Prof. Dr. Antonio Mezzetti
Conference: Gordon Research Conference (Organometallic Chemistry)
Title: Asymmetric Transfer Hydrogenation with a Bifunctional Iron(II) Hydride: Experiment Meets Computation

Huachuan Du (EPF Lausanne)
Group: Prof. Dr. Esther Amstad
Conference: 2019 Gordon Research Conference on Self-Assembly and Supramolecular Chemistry
Title: Amorphous CaCO₃: Influence of the Formation Time on its Degree of Hydration and Stability

Yuan-Peng Du (EPF Lausanne)
Group: Prof. Dr. Jeremy Luterbacher
Conference: ACS Fall 2019 National Meeting
Title: Post-synthesis Deposition of Mesoporous Niobic acid with Improved Thermal Stability by Kinetically Controlled Sol-gel Overcoating

Léo Duchêne (Empa & University of Geneva)
Group: Prof. Dr. Hans Hagemann
Conference: 2019 Spring Meeting of the European Materials Research Society
Title: Elucidating the Complex Ionic Conductivity Behavior of the Naₓ(BₓH₁ₓ)0.5(B₁₀H₁₀)0.5 Solid-state Electrolyte

Radmila Faizova (EPF Lausanne)
Group: Prof. Dr. Marinella Mazzanti
Conference: ACS Fall 2019 National Meeting & Exposition
Title: Unprecedented Uranium Species: From Water-stable Uranyl(v) to Uranium(iv) POM Clusters

Ricardo Fernández-Terán (University of Zurich)
Group: Prof. Dr. Peter Hamm
Conference: 23rd International Symposium on the Photochemistry and Photophysics of Coordination Compounds (ISPPCC)
Title: Substituent Effects in the Excited-state Dynamics and Spectroscopic Properties of Re(III)κ²N-tricarbonyl and κ³N-dicarbonyl Complexes with Terpyridine Ligands

Daniele Fiorito (University of Geneva)
Group: Prof. Dr. Clément Mazet
Conference: European Symposium on Organic Chemistry ESOC 2019
Title: Copper-Catalyzed Borylation of Olefins: A Quest for Reactivity and Selectivity

Chethana Janardhana Gadiyar (EPF Lausanne)
Group: Prof. Dr. Raffaella Buonsanti
Conference: Materials Research Society (MRS) Fall Meet 2019
Title: Monitoring Solid State Reactions at the Nanoscale in Binary Nanocrystal Superlattices to Access Tunable Multinary Metal Oxides

Nathalie Grob (ETH Zurich)
Group: Prof. Dr. Thomas Mindt
Conference: 23rd International Symposium on Radiopharmaceutical Sciences
Title: Second Generation of Triazolominastrins: Towards Further Improvement of Tumour-Targeting Characteristics of Radiopeptidomimetics
Raphael Hofmann (ETH Zurich)
Group: Prof. Dr. Jeffrey W. Bode
Conference: 8th Chemical Protein Synthesis Meeting (CPS) 2019
Title: Enzymatic Isopeptide Labeling of Native Proteins

Shiqi Huang (EPF Lausanne)
Group: Prof. Dr. Kumar Varoon Agrawal
Conference: 2019 AIChE Annual Meeting
Title: Crack-free, Large-area, Single-layer Graphene Membranes with a Record Performance in Gas Mixture Separation

Sutida Jansod (University of Geneva)
Group: Prof. Dr. Eric Bakker
Conference: Matrafured 2019
Title: Colorimetric Readout of Potentiometric Probes with Closed Bipolar Electrodes and Prussian Blue Film

Selina Kaiser (ETH Zurich)
Group: Prof. Dr. Javier Pérez-Ramírez
Conference: IUPAC 2019
Title: Controlling the Speciation and Reactivity of Carbon-supported Gold and Ruthenium Nanostructures in Catalyzed Acetylene Hydrochlorination

Stavroula Kampouri (EPF Lausanne)
Group: Prof. Dr. Kyriakos Stylianou
Conference: 2019 MRS (Materials Research Society) Fall Meeting and Exhibit
Title: Concurrent Photocatalytic Hydrogen Generation and Dye Degradation Using MIL-125-NH₂ under Visible Light Irradiation

Rania Kazan (University of Geneva)
Group: Prof. Dr. Thomas Buergi
Conference: International Symposium on Monolayer-Protected Clusters (ISMPC2019)
Title: Metal and Ligand Exchange Reactions between Gold Nanoclusters and Metal Surfaces

Ardita Kilaj (University of Basel)
Group: Prof. Dr. Stefan Willitsch
Conference: International Symposium on Molecular Beams 2019
Title: Reaction Kinetics of Trapped Molecular Ions with Conformer- and Isomer-selected Neutral Molecules

Marie Kopp (ETH Zurich)
Group: Prof. Dr. Paolo Arosio
Conference: Gordon Research Conference - The Role of Form and Formulation Development in Transforming a New Era of Molecules into Therapeutics
Title: Microfluidic and Nanotechnology Based assays for the Development of Safe Biopharmaceuticals

Erwin Lam (ETH Zurich)
Group: Prof. Dr. Christophe Copéret
Conference: Europacat 2019
Title: Isolated Zr Surface Sites on Silica Promote Hydrogenation of CO₂ to CH₃OH in Supported Cu Catalysts

Benjamin Lambert (EPF Lausanne)
Group: Prof. Dr. Ardemis Boghossian
Conference: 235th ECS Meeting
Title: Directed Evolution of the Optoelectronic Properties of Synthetic Nanomaterials

Yongpeng Liu (EPF Lausanne)
Group: Prof. Dr. Kevin Sivula
Conference: ACS Fall 2019 National Meeting & Exposition
Title: In Situ and Operando Spectroelectrochemical Techniques for Evaluating Interfacial Carrier Behavior in Emerging Photoelectrodes for Solar Fuel Production

Sotiria Mostrou-Moser (ETH Zurich)
Group: Prof. Dr. Jeroen Anton van Bokhoven
Conference: EuropaCat2019 “Catalysis without Borders”
Title: Uncovering the Real Role of Gold in the Ethanol Oxidation

Rob Jeremiah Nuguid (PSI & EPF Lausanne)
Group: Prof. Dr. Oliver Kröcher
Conference: 8th Asia-Pacific Congress on Catalysis
Title: Modulated-Excitation Raman Spectroscopy of Vanadia-Based Catalysts

Rachele Ossola (ETH Zurich)
Group: Prof. Dr. Kristopher McNeill
Conference: 17th International Conference on Chemistry and the Environment
Title: Photochemical Production of Sulfate and Methanesulfonic acid from Dissolved Organic Sulfur: Occurrence and Mechanistic Insights
Subhajit Pal (University of Fribourg)
Group: Prof. Dr. Andreas F. M. Kilbinger
Title: Functional Metathesis Catalyst Through Ring Closing Enyne Metathesis

Alessandro Passera (ETH Zurich)
Group: Prof. Dr. Antonio Mezzetti
Conference: EUCCOMC XXIII Helsinki 2019
Title: Manganese(i)-Catalyzed Asymmetric Hydrogenation of Ketones: Exploring the Analogy to Iron(II)

Margherita Pucino (ETH Zurich)
Group: Prof. Dr. Christophe Copéret
Conference: International symposium on olefin metathesis and related chemistry
Title: Silica-Supported Molybdenum-Oxoalkylidenes: A Highly Efficient Single-Site Olefin Metathesis Catalyst for Terminal Olefins

Manoj Ravi (ETH Zurich)
Group: Prof. Dr. Jeroen van Bokhoven
Conference: EuropaCat 2019
Title: Towards a Better Understanding of Lewis-acidic Aluminum in Zeolites

Matthieu Richter (ETH Zurich)
Group: Prof. Dr. Erick Carreira
Conference: Organic Reactions and Processes Conference GRC
Title: Total Synthesis of (−)-Mitraphorone A

Saroj Kumar Rout (ETH Zurich)
Group: Prof. Dr. Roland Riek
Conference: Origins of Life - Gordon Research Conference
Title: Amyloid-RNA Coevolution on the Prebiotic Earth: the Foundation of the Genetic Code?

Boodsarin Sawatlon (EPF Lausanne)
Group: Prof. Dr. Clemence Corminboeuf
Conference: The Intersection of Organic Structure, Reactivity and Mechanism (GRC)
Title: Mining the C-C Cross-Coupling Genome using Machine Learning

Semih Sevim (ETH Zurich)
Group: Prof. Dr. Josep Puigmarti-Luis
Title: Microreactors as Advanced Tools for Controlled Surface Chemistry

Philipp Sondermann (ETH Zurich)
Group: Prof. Dr. Erick Carreira
Conference: Natural Products and Bioactive Compounds
Title: Stereochemical Revision, Total Synthesis and Solution State Conformation of the Complex Chlorosulfolipid Mytilipin B

Karolina Strakova (University of Geneva)
Group: Prof. Dr. Stefan Matile
Conference: 27th International Society of Heterocyclic Chemistry Congress
Title: Fluorescent Probes to Image Physical Forces in Biology

Tian Tian (ETH Zurich)
Group: Prof. Dr. Chih-Jen Shih
Conference: ACS Fall 2019 National Meeting
Title: Two-Dimensional Materials as High-Pass Filters of van der Waals Interactions

Jian Wang (EPF Lausanne)
Group: Prof. Dr. Harm-Anton Klok
Conference: 2019 National Polymer Academic Papers Conference
Title: Swelling-Induced Chain Stretching Enhances Hydrolytic Degrafting of Hydrophobic Polymer Brushes in Organic Media