



2020 Chemistry Travel Award by SCNAT and SCS

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The Platform Chemistry of the Swiss Academy of Sciences (SCNAT) together with the Swiss Chemical Society (SCS) announces the «2020 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. The selection committee is set up with four chemists working in diverse fields of chemistry: Prof. Dr. Christian Bochet (SCS, University of Fribourg), Prof. Dr. Catherine E. Housecroft (SCNAT, University of Basel), Dr. Marc Suter (SCS, Eawag), and Prof. Dr. Shana Sturla (SCNAT, ETH Zürich). They each reviewed and rated all of the applications (except their own students'), based primarily on the submitted conference abstract and the scientific achievements.

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 «2020 Chemistry Travel Award»:



Dalu **CHANG**

Group: Prof. Nicolas Winssinger
Conference: EMBO Chemical Biology 2020
Contribution: Luciferase-Induced Photouncaging: Bioluminescence



Faustine **d'ORCHY MONT**

Group: Prof. Jason Holland
Conference: Pacifichem 2020
Contribution: Supramolecular radiopharmaceuticals for multi-modality imaging of cancer



Romain J.-C. **DUBEY**

Group: Prof. Maksym V. Kovalenko
Conference: 2020 MRS Fall Meeting
Contribution: Silicon Oxycarbide as a Host Matrix of Choice to Stabilize Li-Ion Storage in Nanosized Alloying Elements



Ahmed **ELABD**

Group: Prof. Ali Coskun
Conference: PRiME 2020
Contribution: Covalent Triazine Frameworks Incorporating Charged Polypyrrole Channels for High Performance Lithium-Sulfur Batteries



Michelle **FREI**

Group: Prof. Kai Johnsson
Conference: MAF2020 Methods and Applications in Fluorescence
Contribution: Increasing fluorophore brightness through self-labeling protein tags



Susanne **GEISEN**

Group: Prof. Shana Sturla
Conference: ACS Fall 2020 National Meeting
Contribution: Chemical mechanism of O6-carboxymethyldeoxyguanine formation from azaserine and abundance in cells



Vladimir **GORBACHEV**

Group: Prof. Peter Chen
Conference: Gordon Research Conference: "Gaseous Ions: Structures, Energetics and Reactions"
Contribution: Cryogenic ion vibrational predissociation (CIVP) spectroscopy of a gas-phase molecular torsion balance to probe London dispersion forces in large molecules



Yannick **GUNTERN**

Group: Prof. Raffaella Buonsanti
Conference: ACS Fall 2020 National Meeting
Contribution: Synthetic route for colloidal nanocrystal/covalent organic framework hybrids



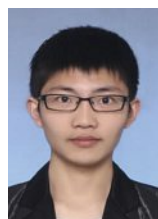
Iliia **KOCHETYGOV**

Group: Prof. Wendy Queen
Conference: Nanomaterials for Applications in Energy Technology
Contribution: Dimensionality control and rational design of novel nanoporous metal-organic frameworks



Miriam LINSENMEIER

Group: Prof. Paolo Arosio
 Conference: Cell Symposia: Biological Assemblies: Phase Transitions and More
 Contribution: Droplet-based microfluidic platforms to investigate the kinetics and thermodynamics of phase transitions



Ming-Ming WANG

Group: Prof. Jerome WASER
 Conference: ICOS 2020: XXIII International Conference on Organic Synthesis
 Contribution: Oxidative Ring-opening Fluorination of Cyclopropylamides



Jade NGUYEN

Group: Prof. Pablo Rivera-Fuentes
 Conference: Pacificchem 2020
 Contribution: Disruption of Redox Homeostasis by Enzymatic Activation of a Triakylphosphine Probe in Mitochondria



Yanan WANG

Group: Prof. Thomas Buergi
 Conference: The 20th incarnation of the International Symposium on Small Particles & Inorganic Clusters
 Contribution: Deracemization of Au₃₈ Clusters: Breaking the Equal Status and Dynamic Inversion of Enantiomers



Margarita REKHTINA

Group: Prof. Christoph Müller
 Conference: 2020 MRS Fall Meeting and Exhibit
 Contribution: Elucidating the factors governing the cyclic performance of MgO-based sorbents of CO₂ using time-resolved in situ XRD/PDF techniques



Rebekah WELLS

Group: Prof. Kevin Sivula
 Conference: PRiME 2020
 Contribution: The roll-to-roll deposition of 2D nanoflake films of semiconducting TMDs for large area solar-to-chemical energy conversion



Abdusalom SULEYMANOV

Group: Prof. Kay Severin
 Conference: Pacificchem 2020
 Contribution: Synthesis of Tetraarylethene Luminogens by C-H Vinylolation of Arenes with Triazenes



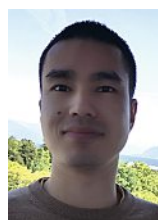
Purna YADAV

Group: Prof. Felix Zelder
 Conference: EUROBIIC 15
 Contribution: Disassembly Approach for the Selective and Sensitive Detection of Pyrophosphate



Jin Fay TAN

Group: Prof. Nicolai Cramer
 Conference Pacificchem 2020
 Contribution: Highly Divergent Access to Densely Substituted Arenes, Pyridines and Pyridones via Transition Metal-Catalyzed Transformations of Alkynyl Triazenes



Xiangli YI

Group: Prof. Xile Hu
 Conference: ICOS 2020: XXIII International Conference on Organic Synthesis
 Contribution: Cu-involved electrocatalysis and photocatalysis for the synthesis of allyamine derivatives from unactivated alkenes



Zacharias THIEL

Group: Prof. Pablo Rivera-Fuentes
 Conference: Pacificchem 2020
 Contribution: Single-Molecule Imaging of Active Enzymes in Live Cells Using Photo-Crosslinking Probes



Matthias TINZL

Group: Prof. Donald Hilvert
 Conference: Girona Seminar 2020
 Contribution: Enhancing catalysis of iron heme metalloproteins using non-canonical amino acids

Due to the pandemic situation taking place this year worldwide, some conferences are being cancelled, postponed or switched into a virtual event. The attendance of the winners to the conferences may change from the present list.

Additional information about the Platform Chemistry and its activities may be found at chemistry.scnat.ch

Do not miss the «2021 Chemistry Travel Award», which will be announced early in 2021 on chemistry.scnat.ch/travel_award and in *Chimia*.