

TACO Newsletter

06/2023



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Reporting period: October – November 2023

1. Personnel Developments



Marie Kienzer started as a master student in Ulrike Diebold's subproject P02. She will work with Michele Riva, Erik Rheinfrank, and Alexander Imre on LEED-IV, film growth, and related things. Welcome to TACO!

Are there personnel developments in your TACO subproject? Tell the science manager, [Stefan Uttenthaler](#), about it!

2. Upcoming Events



The TACO Ph.D. Meeting will happen in Schladming from February 11-14, 2024. The SOC, composed of [Johannes Zeininger](#) (P08), [Ralf Wanzenböck](#) (P09), [Alberto Tampieri](#) (P10), and [Harsharan Kaur](#) (P11), successfully attracted the following invited speakers:

[Liliana Lukashuk](#) (Johnson Matthey), [Marc Georg Willinger](#) (TU Munich), [Davide Ferri](#) (Paul Scherrer Institute), [Markus Valtiner](#) (TU Wien), and [Zachary Ulissi](#) (Meta & Carnegie Mellon University).

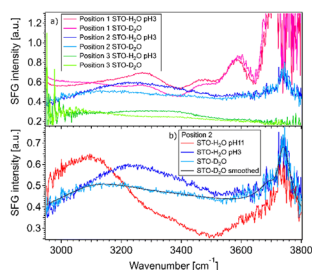
You can surely look forward to exciting talks!

We will have two more presentations in the TA[CO]lloquium series this term:

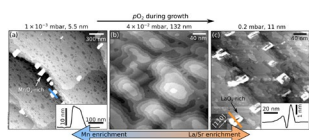
Date	Speaker	Title
Dec. 04	Laerte Patera (Uni Innsbruck)	<i>Two-dimensional photoactive frameworks: towards dynamic covalent chemistry and exciton imaging</i>
Jan. 22	Edvin Lundgren (Lund University)	<i>Surface dynamics under reaction conditions</i>

All speakers for the summer term 2024 have already been invited, the program will be announced soon. There will be no colloquium in June because we will need the time for writing the report and the renewal proposal!

3. TACO Papers



A new paper originates from Ellen Backus' subproject P11: "[Unravelling the interfacial water structure at the photocatalyst strontium titanate by sum frequency generation spectroscopy](#)". It appeared in *Physical Chemistry Chemical Physics*. Congratulations to [Martin Buessler](#) and his team of authors!



Giada Franceschi is lead author of the paper "[Evolution of the surface atomic structure of multielement oxide films: curse or blessing?](#)", which appeared in *Nanoscale Advances*. Michael Schmid, Ulrike Diebold, and Michele Riva (P02) are among the team of authors. Well done!

Did you publish a paper in the framework of TACO? Inform the science manager [Stefan Uttenthaler](#)!

4. New Projects and Grants



Congratulations to [Jiří Pavelec](#) (Co-PI in P04) and Zdeněk Jakub (CEITEC, Brno University) for the approval of their international project SuMoCat (Substrate-decoupled 2D MOF for Single-Atom Catalysis)! Their proposal was granted by the Austrian Science Fund FWF and the Czech national funding agency GA ČR in the framework of the WEAVE program. You can find more information about the project in the [Research Radar](#) on the newly designed FWF website. Well done!

5. Awards and Achievements



[Alexander Imre](#) has received the Morton M. Traum Award for the best student poster at the AVS International Symposium of the AVS Surface Science Division in Portland, USA. Congratulations, Alex!

6. Miscellaneous



Gianfranco Pacchioni,
Università Milano-Bicocca:

A Few Questions About
Single Atom Catalysts:
When Theory Helps



TACO Colloquium
20 November 2023

The TA[CO]lloquium talk by Gianfranco Pacchioni, who asked “[A Few Questions About Single Atom Catalysts: When Theory Helps](#)”, was recorded and you can watch it on our YouTube channel. It is a real pleasure to listen to it again!



Our TACO co-ordinator Ulrike Diebold discussed with other professionally successful women in the first [FWF Women's Circle](#) about which general framework is required for a fair professional world.

Our [YouTube channel](#) is an excellent opportunity to follow inspiring talks even when you missed them or listen to them again. You are welcome to subscribe to the channel and give the videos some thumbs-up!

If you are on Twitter, you can follow [our account here](#); if you are on LinkedIn, you will find [the same opportunity here](#).