

# **TACO Newsletter**

## **04/2023**



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Reporting period: June – July 2023

## 1. Personnel Developments



[Christoph Schattaauer](#) recently graduated *sub auspiciis* from Florian Libisch's group and has started as a new postdoc in subproject P02 (Ulli Diebold). He will work on the ViPErLEED code update. Welcome to TACO!



[Florian Ellinger](#) is a new Ph.D. student in Cesare Franchini's subproject P07. Welcome to TACO!



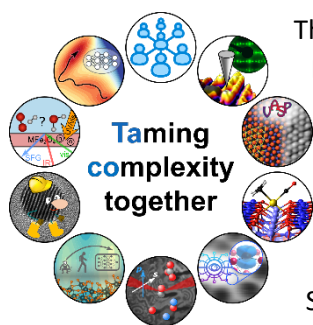
As of August, [Qaisar Maqbool](#) will start as a postdoc in Günther Rupprechter's subproject P08. A warm welcome in TACO also to Qaisar!



Although no photos have been published for visual confirmation, rumors have it that our webmaster and former TACO student representative [Thomas Ruh](#) successfully defended his Ph.D. At least many people with happy faces were celebrating, so we may assume it is true. Congratulations, Thomas!

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

## 2. Upcoming Events



[website!](#)

The highlight of the year will be our [conference](#) "**Taming Complexity in Materials (TACO): Synergies between Experiment and Modeling**", which will take place at TUtheSky from September 24-27. Confirmed invited speakers are: Bilge Yildiz (MIT), Boris Kozinsky (Harvard University), Beatriz Roldan (FHI Berlin), Karsten Reuter (FHI Berlin), Martin Setvin (Charles University Prague), Ralf Drautz (Ruhr University Bochum), Tanja Cuk (University of Colorado, Boulder), Johannes Kästner (University of Stuttgart), Andreas Grüneis (TU Wien), Jonas Köhler (Microsoft), and Zdeňek Dohnalek (PNNL). If not done already, you are invited to [register on the TACO](#)

The TA[CO]lloquium speakers in winter term 2023-24 have been invited. Please mark the following dates in your calendar:

Date	Speaker	Title
Okt. 23	Mira Todorova (MPIE)	tdb
Nov. 20	Gianfranco Pacchioni (Uni Milano)	<i>Can we predict the properties of single-atom catalysts?</i>
Dec. 04	Laerte Patera (Uni Innsbruck)	tdb
Jan. 22	Edvin Lundgren (Lund University)	tdb

Individual invitations for the talks will follow.

### 3. TACO Papers



No new publication since the last issue of the TACO Newsletter? This cannot be. Most probably, you haven't told the science manager [Stefan Uttenthaler](#) about your outstanding scientific work!

## 4. New Projects and Grants



No newly approved grants were reported.

## 5. Awards and Achievements



[Moritz Eder](#), a postdoc in Gareth Parkinson's subproject P04, was awarded the VACOM Sustainability Prize 2023 for his thesis entitled "Photochemistry and Photocatalysis of Alcohols on Bare and Metal-Cluster-Loaded TiO<sub>2</sub>(110)". Congratulations, Moritz!



Poster prize for [Marco Corrias](#)! The poster entitled "Automated Real-Space Lattice Extraction and Atom Counting for Atomic Force Microscopy Images" at the "ZCAM-IUVSTA Metal-Oxide Ultrathin Films and Nanostructures Conference" in Zaraoza earned Marco the first prize in the poster awards. Congratulations, Marco!



## 6. Miscellaneous

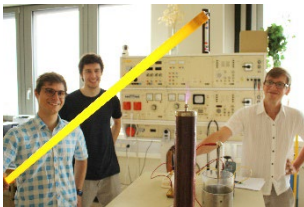


Thomas Pock, TU Graz:  
Total Variation for Image Processing



TACO Colloquium  
19 June 2023

The TA[CO]lloquium talk by Thomas Pock about "[Total Variation for Image Processing](#)" is waiting to be watched online on our [YouTube channel](#).



Several TACO members actively participated in the Kinderuni 2023. Christoph Dellago gave a lecture at Uni Wien, the most spectacular parts of which you may watch in [this video](#) on Twitter (highly recommended!). A group of young TACO scientists presented a workshop on "Energy" at TU Wien. You can watch [a video](#) of the workshop's most explosive experiments on the TACO YouTube channel (equally recommended).

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](#).