**[Platinum Group Metal-free Electrocatalysts: Structure-to-Property Relations, Materials Synthesis and Integration in Catalysts Layers](https://www.telluridescience.org/meetings/workshop-details?wid=782)**

First Telluride Science Research Center (TSRC) Workshop on PGM-free Electrocatalysis

Monday, **June 24** – Arrival Day. If you are lost or disoriented call **Plamen 505 681 8339** (cell)

18:00 – 19:30    *Welcome Meet-and-Greet event*

*at the*[*Phoenix Bean*](http://thephoenixbean1892.com/) *at*[*221 W. Colorado Avenue*](https://goo.gl/maps/L7CsWZ2mCusWXFci9)*.*

Tuesday, **June 25** – First Day: **PGM-free Catalyst Synthesis**

08:30 – 08:45 Plamen Atanassov (UCI), Opening Remarks

08:45 – 09:30 Wolfgang Schuhmann (RUB)

09:30 – 10:15 Yogesh (Yogi) Surendranath (MIT)

10:15 – 10:30 – *Coffee Break*

10:30 – 11:15 Di-Jia Liu (ANL)

11:15 – 12:00 Gang Wu (Buffalo)

12:00 – 13:30 – *Lunch Break*

13:30 – 14:15 Corina Andronescu (Duisburg)

14:15 – 15:00 Stefania Specchia (PoliTo)

 *This late afternoon should be perfect for decompression at the pool*:

*The View Bar & Grill, at Telluride Mountain Lodge*

*457 Mountain Village Blvd, Telluride, CO 8143*

18:30 – 19:15 [TSRC Town Talk](https://www.telluridescience.org/for-the-public/2019-town-talk-calendar) at the Telluride Conference Center in Mountain Village:

**William E. Moerner**, Stanford University, 2014 Nobel Prize in Chemistry:

***"What Is a Single Molecule, and What Can You Do with It?"***

Wednesday, **June 26** – Second Day: **Understanding PGM-free Catalysts Structure & Reactivity**

08:30 – 08:45 – Sanjeev Mukerjee (NEU), Opening Remarks

08:45 – 09:30 Edward (Ted) Holby (LANL)

09:30 – 10:15 Yuta Nabae (Tokyo Tech)

10:15 – 10:30 – *Coffee Break*

10:30 – 11:15 Jose (Pepe) Zagal (U Santiago de Chile)

11:15 – 12:00 Hector (Tito) Abruna (Cornell)

12:00 – 12:45 Charles McCrory (Michigan)

 *This afternoon should be perfect for a hike - we are ordering the weather* ☺

 *Will offer two hikes: a moderate and an a strenuous one (working on selections)*

18:00 – 20:00 **All-TSRC BBQ Picnic in the tent behind the TSRC facility**

Thursday, **June 27** – Third Day: **PGM-free Catalyst Durability and Degradation Modes**

08:30 – 08:45 – Scott Calabrese Barton (MSU), Opening Remarks

08:45 – 09:30 Lior Elbaz (Bar Ilan)

09:30 – 10:15 Frederic Jaouen (CNRS)

10:15 – 10:30 – *Coffee Break*

10:30 – 11:15 Piotr Zelenay (LANL)

11:15 – 12:00 Yuyan Shao (PNNL)

12:00 – 13:30 – *Lunch Break*

13:30 – 14:15 Michele Piana (TUM)

14:15 – 15:00 Bill Mustain (USC)

*This late afternoon we suggest a cocktail on the top of the hill:*

*Allred’s Restaurant (at the bar), at San Sophia Overlook (gondola top station)*

Friday, **June 28** – Fouth Day: PGM-free Catalyst Characterization

08:30 – 08:45 – Mukund Mukundan (LANL), Opening Remarks

08:45 – 09:30 Kateryna Artyushkova (Phy)

09:30 – 10:15 Svitlana Pylypenko (CSM)

10:15 – 10:30 – *Coffee Break*

10:30 – 11:15 David Cullen (ORNL)

11:15 – 12:00 Debbie Myers (ANL)

12:00 – 13:30 – *Lunch Break*

13:30 – 14:15 Joaquin Rodriguez Lopez (UIUC)

14:15 – 15:00 Kenneth (KC) Neyerlin (NREL)

15:00 – 15:15 – *Coffee Break*

15:15 – 16:00 Vito Di Noto (Padova)

16:00 – 17:00 General discussion and closing remarks

*We will identify a restaurant in the town of Telluride for a Friday-night dinner.*

*We can provide suggestions for sightseeing on the way to and from Telluride,*

*including amazing drives through the San Juan Mountains of Colorado*

*and some of the most significant pre-Colombian sites north of Mexican border:*

*Chaco Canyon, Mesa Verde, Taos Pueblo, Chimney Rock Ruins, etc.*

*Plamen: plamen.atanassov@uci.edu*

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| ***Participant*** |  |  |  |
| Abruna, Hector  | Cornell University  |  |  |
| Andronescu, Corina | University of Duisburg |
| Artyushkova, Kateryna | Physical Electronics (Phy) |
| Atanassov, Plamen | University of California, Irvine  |
| Calabrese Barton, Scott  | Michigan State University  |
| Cullen, David | ORNL |
| Elbaz, Lior | Bar Ilan University  |
| Holby, Edward  | LANL |
| Jaouen, Frederic | CNRS |
| Liu, Di-Jia | ANL |
| Rodriguez Lopez, Joaquin  | University of Illinois, Urbana  |
| McCrory, Charles | University of Michigan |
| Mukerjee, Sanjeev | Northeastern University |
| Mukundan, Rangachary | LANL |
| Mustain, William E | University of South Carolin |
| Myers, Debbie | ANL |
| Nabae, Yuta | Tokyo Institute of Technology |
| Neyerlin, Kenneth | NREL |
| Noto, Vito Di | University of Padua |
| Piana, Michele | Technical University of Munich |
| Pylypenko, Svitlana | Colorado School of Mines |
| Schuhmann, Wolfgang | Ruhr University, Bochum |
| Shao, Yuyan | PNNL |
| Specchia, Stefania | Politecnico di Torino  |
| Spendelow, Jacob | LANL |
| Surendranath, Yogesh | Massachusetts Institute of Technology  |
| Wu, Gang | University of Buffalo |
| Zagal, Jose | University of Santiago de Chile |
| Zelenay, Piotr | LANL |
| Zenyuk, Iryna  | University of California, Irvine |