

MARVEL Review and Retreat — 7-8 September 2017 Program

The visits take place at EPFL;

Thursday: everyone, at the SwissTech Convention Center (STCC)

Thursday 07.09.2017

Time		Place	Participants
09:30 – 10:00	<i>Arrival Coffee</i>	STCC Foyer Garden Patio	All
10:00 – 10:15	Welcome and Introduction Nicola Marzari	STCC Room 5	All
10:15 – 11:45	Highlight talks <i>Chair: Marisa Medarde</i> Orbital Contributions to the Electron g Factor in Semiconductor Nanowires Georg Wolfgang Winkler (ETHZ) Metal-Insulator Transition in CaVO₃ Thin Films from DFT+DMFT Sophie Beck (ETHZ) High-Harmonic Generation in Periodically Driven Mott Insulators Yuta Murakami (University of Fribourg) 25' + 5' discussion for each presentation	STCC Room 5	All
11:45	Poster parade Live flash poster presentations	STCC Room 5	All
12:15	<i>Group photo</i>	TBA	All
12:15 – 14:30	Poster Session – Standing Lunch	STCC Foyer Garden 5+Patio	All
14:30 – 15:00	Feedback from the Junior Retreat	STCC Room 5	All
15:00 – 16:00	Highlight talks <i>Chair: Ulrich Aschauer</i> Accurate Scheme for the Band-Gap Determination of Complex Materials: Inorganic Halide Perovskites and Metal Oxides Julia Wiktor (EPFL) Machine Learning Materials Database: More than Just Predictions Sandip De (EPFL) 25' + 5' discussion for each presentation	STCC Room 5	All
16:00 – 16:30	<i>Coffee break</i>	Foyer Garden Patio	All



16:30 – 18:00	<p style="text-align: center;">Highlight talks</p> <p style="text-align: center;"><i>Chair: Joost VandeVondele</i></p> <p>Photocatalytic Water Splitting with Metal Organic Frameworks Gloria Capano (EPFL)</p> <p>Building and Analyzing Crystals on the Computer using Entropy and Enthalpy Pablo Piaggi (USI)</p> <p>The AiiDA and Materials Cloud Open-Science Platform Giovanni Pizzi (EPFL)</p> <p>25' + 5' discussion for each presentation</p>	STCC Room 5	All
18:30 – 21.45	<p style="text-align: center;">Social event</p> <p>With the special talk "Genius and gender" by Marianne Schmid Mast (UNIL) and seated dinner</p>	Gina Ristorante	MARVEL members

31.8.2017