

Sunday, July 14th		
17:00 - 19:00	Pre-registration	Market Hotel Groningen

Monday, July 15th		
Time:	Speaker:	Abstract title:
8:30 - 8:50	Registration and coffee	
8.50 - 9.00	Opening	
9.00 - 9.40	David Mitzi	Organic-Inorganic Perovskites: Structure-Property Tunability for PV and Beyond
9.40-10.00	Erik Garnett	Perovskite plasticity for improved solar cell performance and understanding
10.00 - 10.20	Sandheep Ravishankar	Discerning Rise Time Constants to Quantify Charge Carrier Extraction in Perovskite Solar Cells
10.20 - 10.50	Coffeebreak	
10.50 - 11.30	Anna Maria Petrozza	Defects Activity in Metal Halide Perovskites
11.30 - 11.50	Guus Aalbers	Sensitive photoconductivity spectroscopy for direct defect states analysis in perovskite films
11.50 - 12.10	Riccardo Pallotta	Reduced Trap Density in MAPbI <sub>3</sub> perovskite solar cell by fast crystallization: a breakthrough towards 22% efficiency.
12.10 - 12.30	Shuxia Tao	Materials theory of halide perovskites: defect and chirality
12.30 - 14.00	Lunchbreak	
14.00 - 14.40	George Volonakis	Materials design of halide perovskites for next generation PV and more: Opto-electronic properties and charge carrier mobilities from first principles.
14.40 - 15.00	Menno Bokdam	Tuning Einstein Oscillator Frequencies of Cation Rattlers: The Lattice Thermal Conductivity of CsPbBr <sub>3</sub>
15.00 - 15.20	Adeem Saeed Mirza	Sulfur and Cesium Doping of Copper Iodide p-type Transparent Conductive Materials with Enhanced Conductivity
15.20 - 15.50	Coffeebreak	
15.50 - 16.10	David Garcia Romero	Understanding the Surface Chemistry of SnO <sub>2</sub> Nanoparticles for High Performance and Stable Organic Solar Cells
16.10 - 16.30	Andreas Borschlegl	Design Rules for Stable Organic Materials for Outer Space Solar Cell Applications
16.30 - 17.10	Nicola Gasparini	The role of interfaces in high performance solar cells and photodetectors
17.10	Posters and drinks	

Tuesday, July 16th		
Time:	Speaker:	Abstract title:
9.00 - 9.40	Giulia Grancini	Wide Band Gap Phase Pure Low dimensional Perovskite for Efficient Solar Cells
9.40 - 10.00	Lijun Chen	Efficient tin perovskite solar cells with high fill factor fabricated by blade coating
10.00 - 10.20	Tim Faber	Hot-carriers in metal halide perovskites: The cold carrier background effect and the hot phonon bottleneck effect.
10.20 - 10.40	Arthur Maufort	Organic non-covalent interactions in 2D hybrid perovskites
10.40 - 11.10	Coffeebreak	
11.10 - 11.50	Christoph Brabec	Autonomous Strategies to Optimize Emerging Photovoltaic Materials & Devices – is 1+1 > 2?
11.50 - 12.10	Jonas Wortmann	Using gaussian process regression to predict the efficiency of untrained material combinations by linking spectral features to IV parameters
12.10 - 12.30	Bekele Hailegnaw Teklemariam	Resilient and flexible quasi-2D perovskite solar cells with high specific-power for energy-autonomous drones
12.30 - 14.00	Lunchbreak	
14.00 - 14.40	Michael Toney	Real-Time Investigation of Film Formation of Metal-Halide Perovskites: from solution speciation to films
14.40 - 15.00	Lana Kessels	Effect of Bulk and Interface Passivation on Mixed Pb-Sn Perovskites Solar Cells
15.00 - 15.20	Herman Duim	Challenges and opportunities of cathodoluminescence spectroscopy in PV research
15.20 - 16:00	Michael Saliba	Shedding Light on Wide Bandgap Perovskites
16:00 - 16:30	Coffeebreak	
16:30 - 18:00	Optional:	
19.00	Conference Dinner	

Wednesday, July 17th		
Time:	Speaker:	Abstract title:
9.00 - 9.40	Hairen Tan	All-perovskite tandem solar cells and modules
9.40 - 10.00	Allyson Robert	Painting aesthetic solar cells with light - The Photovoltaic Girl with the Pearl Earring
10.00 - 10.20	Viren Tyagi	Effect of charge state on defect migration in halide perovskites using machine-learned force fields
10.20 - 10.40	Kristina Geistert	Upscaling of Slot-Die Coated Perovskite Solar Module Fabrication via different Gas Quenching Techniques and Novel Drying Concept
10.40 - 11.10	Coffeebreak	
11.10 - 11.50	Linn Leppert	First-principles modeling of excitons in metal-halide perovskites and beyond
11.50 - 12.10	Sander Heester	The Red, The White & The Blue: Identifying the dominant recombination loss mechanism in perovskite solar cells
12.10 - 12.30	Julian Haffner-Schirmer	A platform to minimize voltage and fill factor losses
12:30 - 12.50	Willemijn Remmerswaal	Quantifying Non-Radiative Recombination in Metal Halide Perovskites Using Absolute Photoluminescence Spectroscopy
12:50 - 14:20	Lunchbreak	
14.20 - 15.00	Letian Dou	Supramolecular Assembly and Light-Emission in Organic Semiconductor-incorporated Perovskite (OSiP)
15.00 - 15.20	Filippo Tavormina	Scalable quasi-2D lead-tin perovskite via low toxic solvent mixture blade coating for efficient and greener solar cells
15.20 - 15.40	Jin Yan	Sequential vacuum deposited perovskite for solar cell and upscaling
15.40 - 16.00	Francesco Toniolo	2D/3D perovskite heterojunction solar cells: pairing performance with stability
16.00 - 16.15	Closure	