

Wednesday 7 Dec

Times	Program	Speaker	Topic
13:30	Arrival		
14:00	Opening		
14:15	Talk	Caren Tischendorf HU Berlin	Optimization of Gas Networks
15:00	Talk	Anya Heider Reiner Lemoine Institute	Flexibility requirements in a 100% renewable German power system with growing shares of sector coupling technologies
15:45	Talk	Dörte Kreher HU Berlin	Mathematical modelling of intraday electricity markets
16:15	Coffee break		
16:30	Talk	Franziska Appel IAMO	Biogas Boom Reloaded? – An agro-economic perspective
17:15	Talk	Christine Bonsu HU Berlin	Towards Sustainable Public Transport in Cities in SSA: Strategies and Solutions
18:00	Energizer	Beatriz Beyer	Workshop Session
18:30	Poster session		

Thursday 8 Dec

Times	Program	Speaker	Topic
09:00	Talk	Juliana Morbec Keele University, UK	Quantum simulations of materials for renewable and sustainable energy
09:45	Talk	Clara Marshall Fritz-Haber-Institute	Synthesis of catalysts towards the use of methanol and ammonia as chemical energy carriers
10:15:00	Coffee break		
10:30	Talk	Agnès Cousin University of Toulouse, France	Soils diversity at Mars
11:15	Talk	Marie Gentzmann Bundesanstalt für Geowissenschaften und Rohstoffe	Enabling sustainable technologies through the recovery of specialty metals from industrial residues – A spotlight on Scandium
12:00	Lunch		
13:15	About WiNS	Petra Metz HU Berlin	
13:30	Talk WiNS fellowship awardee #1	Sara Nocentini National Institute of Metrological Research, Italy	

14:00	Talk WiNS fellowship awardee #2	Katrín Blöndal Brown University, USA	
14:30	Talk WiNS fellowship awardee #3	Alaka Panda S. K. C. G. Autonomous College, India	
15:00	WiNS fellowship awardee #4	Deborah Natumanya Faculty of Computing and Informatics, Uganda	
15:30	WiNS fellowship awardee #5	Shubhangi Srivastava National Institute of Advanced Studies, India	
16:00	Coffee break		
16:15	Industry Talk #1	Ankita Mitra Vaayu	Communication: Closing the gap to implement low-carbon energy
16:45	Industry Talk #2	Katharina Witte Berlin Partner	Photonics Cluster Berlin Brandenburg – high technology for a sustainable world
17:15	Industry Talk #3	Lijia Long Siemens Gamesa	From corrective to proactive maintenance, what wind energy industry has done?
18:00	Social Event: Speed Dating & Career Fair		

Friday 9 Dec

Times	Program	Speaker	Topic
09:00	Talk	Sandra Kiefer MPI Software Systems	The Combinatorial Side of Graph Neural Networks
09:45	Talk	Caroline Geiersbach Weierstrass Institute	Game-Theoretical Modeling for Green Hydrogen Markets
10:15	Coffee break		
10:30	Talk	N.N.	
11:15	Talk	Krisztina Nagy Institute of Biophysics, Hungary	Lessons from the microcosmos - Nanotechnology, social sciences and biology meet in the world of microbes
12:00	Concluding remarks		
12:30	Departure		