



IBZ, TU Dortmund - Emil-Figge-Straße 59, 44227 Dortmund
September 16, 2019

9:30 a.m.	Registration & Welcome Coffee	
10:00 a.m.	Welcome on behalf of the Materials Chain by Prof. Axel Lorke, UDE	
10:15 a.m.	<p>Nils Kasties, Graduiertenzentrum TU Dortmund Overview Lecture: <i>How to navigate your career track</i></p>	Part 1: Strategic Career Planning
	<p>Best Practice: My career path in materials science <i>Three Materials Chain early career researchers present their career path in materials science in a short lecture and are open to your questions.</i></p>	
10:45 a.m.	Corina Andronescu, UDE	
10:55 a.m.	André H. Gröschel, UDE	
11:05 a.m.	Anna Grünebohm, RUB	
11:15 a.m.	Joint question-and-answer session	
12:00 a.m.	<p>Open Brunch</p> <ul style="list-style-type: none"> • <i>Poster session: exchange ideas with other young scientists over snacks and drinks at your posters, ask more questions to the lecturers from the best practice presentations.</i> • <i>Turning tables: inform yourself about funding opportunities of the DFG and the Marie-Sklodowska-Curie program.</i> • <i>Search & find pinboard: Do you have a specific question? Are you looking for analytical methods, specific equipment or expertise? Use our network directly on site via our search & find pinboard.</i> 	Networking: Open Brunch
2:00 p.m.	<p>Talks – Session 1</p> <p>Jörn Lueg-Althoff, TU DO <i>Processing of components from high strength steels within the ReCIMP project</i></p>	Part 2: Scientific Program
2:15 p.m.	<p>Napat Vajragupta, RUB <i>Micromechanics of large deformations: Overview</i></p>	
2:30 p.m.	<p>Tong Li, RUB <i>Atomic-scale materials characterisation by atom probe tomography</i></p>	
2:45 p.m.	<p>Khadijeh Mohri, UDE <i>Tomography in energy and process technology</i></p>	
3:00 p.m.	Short Break	

<p>3:15 p.m.</p> <p>3:30 p.m.</p> <p>3:45 p.m.</p> <p>4:00 p.m.</p>	<p>Talks – Session 2</p> <p>Barbara Saccá, UDE <i>DNA origami tools to explore biological processes</i></p> <p>André Gröschel, UDE <i>Block copolymer self-assembly in confinement</i></p> <p>Arne Ludwig, RUB <i>Patterns from epitaxy</i></p> <p>Ihsan Murat Kusoglu, UDE <i>Production of polymer based- and metal based- composite nanopowders for laser powder bed fusion process</i></p>	<p>Part 2: Scientific Program</p>
<p>4:15 p.m.</p>	<p>Coffee Break</p>	
<p>4:45 p.m.</p> <p>5:00 p.m.</p> <p>5:15 p.m.</p> <p>5:30 p.m.</p> <p>5:45 p.m.</p>	<p>Talks – Session 3</p> <p>Julia Linnemann, RUB <i>Materials for and from electrochemistry</i></p> <p>Saskia Heumann, MPI <i>Carbon based electrode materials</i></p> <p>Anna Grünebohm, RUB <i>Scalebridging simulation of functional composites</i></p> <p>Benjamin Geisler, UDE <i>Novel mechanisms for improved oxide thermoelectrics explored from first principles</i></p> <p>Sven Reichenberger, UDE <i>Functional laser-generated nanomaterials for heterogeneous catalysis</i></p>	<p>Part 2: Scientific Program</p>
<p>6:00 p.m.</p>	<p>Get-together</p> <p><i>The Get-together offers the opportunity to get in touch with the other participants of the Materials Chain Early Career Researchers' Forum and to exchange ideas for future collaborations and projects over snacks and cold drinks.</i></p>	<p>Networking</p>