

**European Colloquium  
 „Materials Research and Innovation  
 in the Central European Triangle Germany – Poland – Czech Republic“**

Wednesday, May 22, 2019, 15:00 – 18:00

Fraunhofer IKTS Dresden  
 Winterbergstraße 28, 01277 Dresden

**Agenda**

15:00	Welcome	Ehrenfried Zschech, Christoph Leyens
–		Fraunhofer IKTS & IWS
15:15		
15:15	Additive Manufacturing of Powdery Ni-based – Super alloys for Advanced Applications	Juliane Moritz Fraunhofer IWS Dresden
15:40		
15:40	Microstructure and Properties of Titanium Alloys and – Titanium Aluminides made by Selective Electron Beam Melting	Axel Marquardt TU Dresden
16:05	Phase Transformations at Moving Grain Boundaries: – New Challenges	Pawel Zieba, PAN Krakow, Poland
16:30		
16:30	Break	
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17:00		
17:00	X-ray Microscopy – Applications in Materials Science and – Microelectronics	Kristina Kutukova, Fraunhofer IKTS Dresden
17:25		
17:25	Growth and Characterization of 1D Nanostructures by – Electron Beams	Tomas Sikola, CEITEC Brno + TU Brno, Czech Republic
17:50		
17:50	Closing Remarks (10 min)	Ehrenfried Zschech, Christoph Leyens
–		Fraunhofer IKTS & IWS
18:00		