

Preliminary Programme: “Visual Reasoning – Visual Arguments”

Organisers: Dr. Nicola Mößner (RWTH Aachen University),

PD Dr. Martin Langanke (University of Greifswald)

Venue: Alfried Krupp Wissenschaftskolleg Greifswald / Institute of Advanced Studies Greifswald  
Germany (<https://www.wiko-greifswald.de/>)

<b>Thursday (June 01, 2017)</b>		
<b>Visual Reasoning – Vision-based Inferences</b>		
14.00-14.15	PD Dr. Martin Langanke, Dr. Nicola Mößner	<i>Welcome and Introduction</i>
14.15-15.00	Prof. Dr. Marcel Boumans University of Utrecht, The Netherlands	<i>Visualizing Ignorance</i>
15.00-15.45	Dr. Sabine Ammon Technische Universität Darmstadt, Germany	<i>Drawing Inferences: Image-based Reasoning</i>
15.45-16.00	Coffee Break	
16.00-16.45	Prof. em. Dr. Patrick Maynard University of Western Ontario, London, Ontario, Canada	<i>Images as Cognitive Artifacts</i>
16.45-18.00	Break	
18.00-19.30	Prof. Dr. Laura Perini Pomona College, Claremont, Calif., USA	<i>Scientific Images: Aesthetics, Rhetoric, and Inference</i>
	Conference dinner	

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<b>Friday (June 02, 2017)</b>		
<b>Visual Arguments – Truth and Non-propositional Representations in Sciences</b>		
09.15-10.00	Dr. Nicola Mößner RWTH Aachen University, Germany	<i>Non-Propositional Content in Visual Arguments</i>
10.00-10.45	Prof. Dr. Jens Elmelund Kjeldsen University of Bergen, Norway	<i>Deliberative Pictures. The Role of Imagery in Forming Public Opinion</i>
10.45-11.00	Coffee Break	
<b>Visual Arguments in Public Opinion Building – Ethical and Historical Perspectives</b>		
11.00-11.45	Prof. Dr. Micha Werner Ernst-Moritz-Arndt-Universität Greifswald, Germany	<i>Visual Arguments and Epistemic Autonomy: What Can we Learn from Advertising Ethics?</i>
11.45-13.00	Lunch	
13.00-13.45	Prof. Dr. Stefan Beyerle Ernst-Moritz-Arndt-Universität Greifswald, Germany	<i>"The Emperor's New Clothes:" Reconstructing Visualized Power in Ancient Near Eastern Iconography</i>
13.45-14.30	Dr. Lars Karl Universität Leipzig, Germany	<i>Visualizing the Rebel: The Image of Imam Shamil' in Soviet and Post-Soviet Remembrance Culture</i>
14.30-14.45	Coffee Break	
<b>Visual Reasoning in the Life Sciences</b>		
14.45-15.30	PD Dr. Martin Langanke Ernst-Moritz-Arndt-Universität Greifswald, Germany	<i>Visual Representation of Super-individual Entities in the Life Sciences</i>

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15.30-16.15	Prof. Dr. phil. Dr. rer. med. habil. Mariacarla Gadebusch Bondio TU München, Germany	<i>Visualised – Surgical Evidence in Fabry von Hilden's "Observationes"</i>
16.15-16.30	Break	
16.30-18.00	Prof. Dr. Aud Sissel Hoel University of Trondheim, Norway	<i>Diagrammatic Reasoning in Image-Guided Neurosurgery</i>
<b>Saturday (June 03, 2017)</b>		
<b>Visual Reasoning – the Role of Diagrams in Physics</b>		
09.15-10.00	Prof. Dr. Michael Krämer RWTH Aachen University, Germany	<i>From Feynman Diagrams to Event Displays – Visualization in Particle Physics</i>
10.00-10.45	Dr. Adrian Wüthrich Technische Universität Berlin, Germany	<i>Interpreting Feynman Diagrams as Visual Models</i>
10.45-11.00	Coffee Break	
11.00-11.45	Prof. Dr. Henk W. de Regt University of Amsterdam, The Netherlands	<i>Visualization as a Tool for Understanding in Modern Physics</i>
11.45-12.00	PD Dr. Martin Langanke, Dr. Nicola Mößner	<i>Concluding Remarks</i>
12.00-13.00	Snack / Departure	