

## Programme and Schedule:

# 1ST INTERNATIONAL CONFERENCE ON MEDICAL IMAGING AND PHILOSOPHY: CHALLENGES, REFLECTIONS AND ACTIONS

May 21st/22nd, 2010, Villa Eberhardt, Ulm, Germany

### Friday May 21<sup>st</sup>, 2010

<b>14:00-14:15</b>	<b>Welcome</b> <i>Heiner Fangerau (Ulm), Rethy Chhem (Vienna), Santiago Sia (Dublin)</i>
<b>14:15-14:45</b>	Opening lecture: Medical Imaging: Pictures and the Power of Evidence <i>Heiner Fangerau (Ulm), Irmgard Müller (Bochum)</i>
<b>14:45–16:45</b> Papers 15-20 min	<b>Session 1: Influence of different media of medical imaging on medical evidence</b> Chair: <i>Igor Polianski (Ulm)</i> <ul style="list-style-type: none"> <li>➤ A Pathway to Pathways and Their Visualisations <i>Ludger Jansen (Rostock)</i></li> <li>➤ Medical Imaging and Contemporary Art: Redefinition of the Human Body <i>Katsiaryna Laryionava (Aachen)</i></li> <li>➤ The anatomical waxes in the early stage of smallpox vaccination <i>Fabio Zampieri (Padova)</i></li> <li>➤ Early Film in Science and Medicine and the Experience of Time: Revisiting Bergson's Philosophy in the Context of the Early Applications of Moving Image Technologies <i>Martha Blassnigg (Plymouth)</i></li> </ul>
<b>16:45 – 17:15</b>	<b>Coffee Break</b>
<b>17:15 – 19:45</b>	<b>Session 2: The role of the image</b> Chair: <i>Shih-chang Wang (Sydney)</i>
<b>17:15-17:45</b>	Keynote: Looking Behind the Image: Philosophical and Ethical Issues in Medical Imaging <i>Santiago Sia (Dublin)</i>
<b>17:45-19:45</b> Papers 15-20 min	<ul style="list-style-type: none"> <li>➤ Medical Imagery and the Ethics of Algorithms <i>Felicitas Kraemer, Kees van Overveld, Martin Peterson (Eindhoven)</i></li> <li>➤ Why Images? <i>Megan Delehanty (Calgary)</i></li> <li>➤ Is Epistemic Causality Relevant to Philosophy of Medical Imaging and Philosophy of Medicine? <i>Rainhard Z. Bengez (München)</i></li> <li>➤ Manifesting the Inner: Jastrow's Automatograph and the inscription of thought <i>Hannah Drayson (Plymouth)</i></li> </ul>
<b>From 20:30 -</b>	<b>Come Together</b>

## Saturday May 22nd, 2010

<b>10:00–12:00</b>	<b>Session 3: Imaging constructs of physiology and pathophysiology</b> Chair: <i>Rethy Chhem (Vienna)</i>
<b>10:00-10:30</b>	Keynote: Norms of Health and Disease and the Understanding of the Body as Shaped by Imaging Technologies <i>Shih-chang (Ming) Wang (Sydney)</i>
<b>10:30-12:00</b> Papers 15-20 min	<ul style="list-style-type: none"> <li>➤ Pictorial Turns in Embryology: From Fetal Positions to the Human Egg <i>Ortrun Riha (Leipzig)</i></li> <li>➤ Invisible Waves of Technology: Ultrasound and the Making of Fetal Images <i>Sonia Kiran Meyers (Madison)</i></li> <li>➤ Ethical aspects of neuroimaging in psychiatry <i>Ilona Vera Szlezak (Freiburg)</i></li> </ul>
<b>12:00 – 13:30</b>	<b>Lunch Break</b>
<b>13:30 – 15:00</b>	<b>Session 4: Formalized ontologies in imaging</b> Chair: <i>Maria Winter (Ulm)</i>
<b>13:30-14:00</b>	Keynote: Philosophy of Radiology: The Ontological Challenge. The role of formal ontologies in representation and communication with medical images. James A. Overton (London, Ontario)
<b>14:00-15:00</b> Papers 15-20 min	<ul style="list-style-type: none"> <li>➤ (Im)mutable diagnostic technologies: the case of computed tomography <i>EunJeong Ma (Seoul)</i></li> <li>➤ ‘Sehkollektive’ - Diagnostic Analysis of CT- Visualizations <i>Kathrin Friedrich (Köln)</i></li> <li>➤ Image - Body - Knowledge. An interdisciplinary project on the critical appraisal of images <i>Rainer-M.E. Jacobi (Essen), Sarah Sandfort (Bochum)</i></li> </ul>
<b>15:00 – 15:30</b>	<b>Coffee Break</b>
<b>15:30 – 18:00</b>	<b>Session 5: Imaging the brain</b> Chair: <i>Robert Lindenberg (Boston)</i>
<b>15:30-16:00</b>	Keynote: Medical Images: Imaging or Imagining? <i>Rethy Chhem (Vienna)</i>
<b>16:00-18:00</b> Papers 15-20 min	<ul style="list-style-type: none"> <li>➤ NEUROIMAGING: Framing disorders, subjects, and identities from the 1980’s to the present date <i>Simone do Vale (Rio de Janeiro)</i></li> <li>➤ Reading in the Brain: From Medical Neuroimaging to Mind-Reading <i>Frederic Gilbert (Halifax, Canada)</i></li> <li>➤ Functional neuroimaging of brain and mind <i>Kirsten Brukamp (Münster/Osnabrück)</i></li> <li>➤ Imaging Pain: How Brain Ontology and Pain Representation Can Interact <i>Chuanfei Chin (Oxford)</i></li> </ul>
<b>18:00 – 18:30</b>	<b>Summarising Comment: Retrospect and Perspectives and closing remarks</b> <i>Heiner Fangerau (Ulm), Shih-chang (Ming) Wang (Sydney), Rethy Chhem (Vienna), James Overton (London, Ontario)</i>