

»Bildanalyse und Mustererkennung Kaiserslautern« (BAMEK)

Dr. Katja Schladitz lädt ein zum Vortrag von

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REVIEW ON PHASE-SENSITIVE IMAGING TECHNIQUES EMPLOYING HARD X-RAYS

Zeit: 4. März 2011, 10.00 Uhr

Ort: Fraunhofer-Institut für Techno- und Wirtschaftsmathematik ITWM
Kaiserslautern, Fraunhofer-Platz 1, Raum Z03.07

The use of phase-sensitive contrast modes in hard X-ray imaging is a powerful approach to increase the methods sensitivity: it allows either to image objects with weak absorption contrast, multi-constituents specimens with similar attenuation behaviour or to reduce the dose to the sample. The presentation will give a brief overview of existing techniques and show selected example applications.