

MUI Lecture Series

„Brain-Inspired Computing
beyond von Neumann“

Prof. Karlheinz Meier
Kirchhoff-Institute for Physics
University of Heidelberg

18th March 2015
at 4 pm

CCB Innsbruck ; M01.490

Innrain 80, 6020 Innsbruck

Karlheinz Meier is the founding director of the Kirchhoff-Institute for Physics and the ASIC Laboratory for Microelectronics, where he holds a chair in experimental physics. With a strong background in instrumentation for particle physics and neuro-inspired computation he has 28 years of post-doctoral experience in large-scale experimental research. Coordinator of the FACETS, FACETS-ITN and BrainScaleS projects, he has been project leader for the PreProcessor data processing system for the ATLAS experiment at the LHC in CERN (Switzerland) and a leading contributor to four major particle physics experiments at the DESY (Germany) and CERN laboratories. He has supervised more than thirty Ph.D. theses and published more than 400 research papers (H-index of 64). He is a board member of the German Physical Society and member of the Samsung Advanced Institute of Technology.



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