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Location: **BB, Aud. 4**, http://rom.uib.no/wrb_addons/location.asp?location_hostkey=BB_A4

Speakers: **Anders Persson**, PhD, MD, from CMIV in Linköping, http://www.cmiv.liu.se/,
and Prof. **Anders Ynnerman**, from NVIS.ITN in Norrköping, http://www.nvis.itn.liu.se/

Title: Bridging the Gap Between Technical Development and Clinical Use of Medical Visualization

Abstract:
The practice of medical image diagnosis is currently undergoing a fast transformation. Vast amounts of data can be generated in standard examination and focus is shifting from improving the collection of relevant data for diagnosis to development of effective methods to analyze, visualize, navigate, and interact with medical information. It is now becoming generally accepted in the medical community that one of the most important keys to manage the increasing information flow is the use of 3D and 4D applications. Our talk is split in two parts and will take its starting point in state-of-the-art medical visualization and then discuss the need for a research agenda that focuses on the development of the next generation of medical visualization tools, emphasizing the fact that these tools must be based on medical user requirement and workflow studies as well as on new technical developments. We conclude with a discussion on the agenda for future cross disciplinary work in medical visualization.

URL: http://www.cmiv.liu.se/ and http://www.nvis.itn.liu.se/