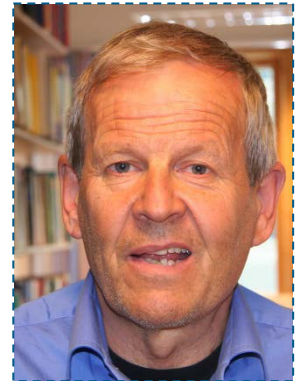


VCF + MedViz joint seminar

Friday June 14, 2013, 14.00-15.30
CMR (Fantoftvegen 38, Bergen)



The seminar will be followed by an informal gathering, where we will have the chance to engage in scientific (and non) discussions

Compressed Sensing in Magnetic Resonance Imaging

by **Anders Hansen** (Research fellow, University of Cambridge, UK)

Abstract: The field of compressed sensing has exploded since its beginning in 2004, and the applications vary from signal processing via medical imaging to radar technology and seismic tomography. From the early developments the potential to improve MRI was recognised, and, in fact, some of the striking features of compressed sensing were discovered when it was applied to toy models of MRI. In this talk I will give an overview of the basics of compressed sensing and demonstrate how it can be used to reduce acquisition time, and more importantly, how to improve the quality of MRI images substantially.

Science and Innovation in a Cross-Disciplinary Environment - what goals should be stated?

by **Petter E. Bjørstad** (Head of the Dept. of Informatics, University of Bergen)

Abstract: This talk will first touch on the process of transforming a concept derived from research into a successful business. The lessons learned are all from a business case developed by the speaker. How much of this is applicable to other cases? Next, we will consider cross-disciplinary research efforts and try discussing their potential for innovation comparing with more uniform environments.