



FROM VISION TO DECISION

SEMINAR FRIDAY 14.06.2013



PLACE: CMR

TIME : 14:00-15:30

SPEAKER 1

Anders Hansen (EPSRC research fellow, University of Cambridge, UK)

Title:

Compressed Sensing in Magnetic Resonance Imaging

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..



SPEAKER 2

Petter E. Bjørstad, University of Bergen

Title:

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

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.

