I4FUTURE Intensive course: Multidisciplinary Imaging and Characterization Methods
Theoretical principles and model development
University of Oulu, June 5 – 9, 2017

Postgraduate course, 3 ECTS
Registration deadline May 17, use the QR code or the following link:
https://www.webropolsurveys.com/S/1F6B567CFBE0947F.par
Open for all the PhD students, research personnel and partner organizations
Maximum number of participants 100

Description
The main goal of the course is to increase the awareness of the possibilities of different methods and the latest developments in spectroscopic and imaging methods.

Topics:
- principles of interaction of electromagnetic radiation with matter,
- principles of electronic, vibrational, and nuclear magnetic resonance spectroscopies
- the use of different ranges of electromagnetic radiation in imaging and related methods (MRI, CT, X-Ray, optical, electron, and scanning probe microscopies)
- the principles of diffraction methods use of Fourier Transform methods, the application of synchrotron radiation for different measurement techniques

This is interesting!!
Synchrotron radiation day on Wed 7 June, 2017.
Lectures given by confirmed international experts.
University of Oulu, University of Helsinki, MAX IV Laboratory etc

Detailed schedule in I4FUTURE webpages: http://www.oulu.fi/i4future/