Joint OMM, CMPS, nmc@LU seminar:

Nanoscale imaging of neurotoxic proteins

Professor Clemens Kaminsky, Cambridge University

Tue June 24, 14.15 in Chemical Centre, Lecture Hall B

The central theme of Clemens Kaminsky's research activities lies in the development and application of modern laser spectroscopic methods to visualise and quantify dynamic chemical processes at the interface between chemistry, biology and nanotechnology. He has for example developed super resolution microscopy (dSTORM) techniques towards studies of self-assembly reactions, including amyloid fibril formation, in complex systems. Using two separate fluorophore labels, he has applied these techniques towards imaging of the growth of single α-synuclein aggregates by newly added monomers.

All welcome,

Coffee will follow at 15 outside the lecture hall