



Seminar Announcement

New trends in NMR signal processing

Date: 25 November 2019
Time: 2 p.m.
Venue: Classroom 3, SBS
Hosted By: Assoc Prof. Konstantin Pervushin

Signal processing methods evolved significantly since invention of Fourier NMR in the beginning of 70's. Broad use of high-resolution two- and higher dimensional experiments evoked development of non-uniform sampling (NUS) techniques. Great progress in computer hardware and new mathematical algorithms allowed complex processing schemes such as compressed sensing, tensor decomposition, neural networks, etc. The lecture will provide overview of the latest trends and ideas in this field as well as example of applications in bimolecular NMR.



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