

Nanoscale Organisation and Dynamics Group

University of Western Sydney



Time-dependent conductivity of the conjugated oligomer solutions

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Professor Sergey Traytak will present a lecture entitled “Time-dependent conductivity of the conjugated oligomer solutions”.

Conjugated oligomer solutions attract great attention in physics, chemistry and materials science due to their useful electrical, optical, and optoelectronic properties. We show how results of the diffusion-controlled reactions theory are used to calculate the time-dependent conductivity of some conjugated oligomer solutions. Comparison between theory and experimental data is presented.

Prof. Sergey Traytak is a physicist by training and has long had interests in diffusion-influenced processes with different applications to physics, chemistry and biology. He is Professor of Chemical Physics at the Exact sciences and Innovative Technologies Department and Rector's Adviser in Research at the Sholokhov Moscow State University for the Humanities.

Staff and students at all levels are welcome to attend.

Venue and Time:

This talk will be held on Monday July 25 at 10:30 at the Campbelltown Campus in Building 21, Lecture Theatre 6 (C 21.G.18).

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