

UMK Colloquium on New Materials – Spring 2010

Tfy-125.4432 (2-3 cr, P,V)

Colloquium offers you a way to learn more about advanced materials science research activities in Finland. Lecturers are invited from universities, research institutes, and industry.

Lectures are directed for an interdisciplinary audience both researchers and students. The latter can collect credit points. **You can collect credit points even if you have participated in the Colloquium before.** Please visit the web pages of UMK Center for New Materials for more information.

The lectures are arranged on Wednesdays at 11.15 – 12.00 in the main building of Aalto University School of Science and Technology (lecture hall J).

Warmly welcome!

Date	Lecturer and title
Wed 3.2	Prof. Pierangelo Metrangolo - VTT Molecular recognition features of halogenated molecules: new opportunities in biochemistry and materials science
Wed 10.2	Dr. Thomas Gädda - Silecs Oy Organosiloxanes - functional materials for optoelectronic devices
Wed 17.2	Dr. Timo Sajavaara - University of Jyväskylä Thin film characterization using ion beams
Wed 24.2	Winter break - no lecture
Wed 3.3	Dr. Asko Vehanen - Carbodeon Oy Advanced carbon-based nanomaterials
Wed 10.3	Exam week - no lecture
Wed 17.3	Dr. Mikko Möttönen - Aalto University School of Science and Technology Silicon-based single-electron and single-atom devices
Wed 24.3	Dr. Flyura Djurabekova - University of Helsinki Energetic ion modification of semiconductor nanocrystals embedded in amorphous silica: simulation and experiments
Wed 31.3	Easter holiday - no lecture
Wed 7.4	Dr. Albert Nasibulin - Aalto University School of Science and Technology Aerosol synthesis of carbon nanotubes
Wed 14.4	Prof. Kaarle Hämeri - University of Helsinki Nanoparticles - risks and safety
Wed 21.4	Associate Prof. Miguel A. Alonso - University of Rochester The connection between rays and waves