

15 May 2019

HOURS ACTIVITY

8:30-9:30 Registration

9:30-10:00 Opening Ceremony

Session I

10:00-10:30 Prof. Vladimir Torbeev, Universite de Strasbourg et CNRS 8 allée Gaspard Monge, Strasbourg, France "Studying protein misfolding and aggregation by chemical protein synthesis"

10:30-11:30 Plenary session I M. Grelich, Wrocław University of Science and Technology, Wrocław, Poland "Insight into the optical properties and morphology of amyloid fibrils"

M. Lipok, Wrocław University of Science and Technology, Wrocław, Poland "Fantastic amyloids and how to find them: On the optical properties of amyloid fibrils"

P. Cwynar, Wrocław University of Science and Technology, Wrocław, Poland "Formation of amyloid fibrils and their highly-organized structures"

11:30-12:00 Coffee break

Session II

12:00-12:30 Dr. Bartosz Krajnik, Wrocław University of Science and Technology, Wrocław, Poland "Fluorescence microscopy of single nanoobjects"

12:30-13:30 Plenary session II A. Więcek, Warsaw University of Science and Technology, Warsaw, Poland "The effect of gold nanoparticles with various morphology on the growth and chirality of amyloids"

S. Mucha, Wrocław University of Science and Technology, Wrocław, Poland "Studies on optical properties of luminescent quaternary Zn-Ag-In-S nanocrystals"

13:30-14:30 Lunch

14:30-15:30 Poster Session I + Coffee break

18:00-21:00 Odra River Boat Trip (START from the strand near A2 building on Wybrzeże Wyspiańskiego 29)

16 May 2019

HOURS ACTIVITY

Session III

9:00 – 9:30 Prof. Janusz Dąbrowski, Jagiellonian University, Krakow, Poland "Photodynamic therapy of resistant cancers: from local to systemic treatment"

9:30 – 11:00 Plenary session III K. Paradowska, Wrocław University of Science and Technology, Wrocław, Poland "Raman spectroscopy of MBE ZnO:Sb layers"

S. Zelewski, Wrocław University of Science and Technology, Wrocław, Poland "Optical Characterization of Semiconductor Nanowires by Photoacoustic Spectroscopy"

A. Hossain, Wrocław University of Science and Technology, Wrocław, Poland "Study of Magnetic Properties of CoFe₂O₄ Nanoparticles"

D. Benkowska, Wrocław University of Science and Technology, Wrocław, Poland "Analysis of liquid crystalline DNA doped with anisotropic gold nanoparticles"

11:00 – 11:30 Coffee break

Session IV

11:30 – 12:00 Dr. Marek Grzelczak, Donostia International Physics Center, Donostia - San Sebastian, Spain "Gold Nanoparticles: from Self-assembly to Photocatalysis"

12:00 – 13:30 Plenary session IV P. Obstarczyk, Wrocław University of Science and Technology, Wrocław, Poland "Synthesis pathways of non-spherical gold plasmonic nanoparticles – an overview"

K. Nadolski, Université Claude Bernard Lyon 1, Villeurbanne, France "Second Harmonic Scattering of Gold Nanoprisms"

A. Pniakowska, Wrocław University of Science and Technology, Wrocław, Poland "Gold nanorod – mediated plasmonic enhancement of single fluorophores"

R. Deska, Wrocław University of Science and Technology, Wrocław, Poland "Plasmonic nanoparticles for thermo-optics"

13:30 – 14:30 Lunch

14:30 – 15:30 Poster Session II + Coffee break

18:00 – 21:00 Banquet

17 May 2019

HOURS ACTIVITY

Session V

9:00 – 9:30 Prof. Koen Clays, University of Leuven, Leuven, Belgium "Ultrafast revealing of invisible patterns encrypted in colloidal photonic crystals"

9:30 – 11:00 Plenary session V P. Szulim, University of Warsaw, Warsaw, Poland "Aggregation induced emission of organic molecules"

W. Waliszewski, Lodz University of Technology, Lodz, Poland "Bending behavior of C8-BTBT based organic field effect transistors"

A. Popczyk, Wrocław University of Science and Technology, Wrocław, Poland "Fluorescent sensors based on thiophene derivatives for water and alcohol detection"

A. Nowak, Wrocław University of Science and Technology, Wrocław, Poland "Lectins – a vast class of carbohydrate binding proteins"

11:00 – 11:30 Coffee break

Session VI

11:30 – 12:00 Prof. Rostyslav Bilyy, Danylo Halytsky Lviv National Medical University, Lviv, Ukraine "Targeting living cells and tissues with carbon-derived nanoparticles"

12:00 – 13:30 Plenary session VI W. Zięba, Nicolaus Copernicus University in Torun, Torun, Poland "Multiwalled Carbon Nanohorns – synthesis, purification and characterization"

A. Szmalenberg, Wrocław University of Science and Technology, Wrocław, Poland "Remote and contact free temperature sensing in nanoscale with optical tweezers"

M. Antoniuk, Wrocław University of Science and Technology, Wrocław, Poland "Single particle spectroscopy of NaYF₄ doped with lanthanide ions"

13:30 – 14:30 Lunch

14:30 – 15:00 Coffee break

Session VII

15:00 – 16:00 Plenary session VII O. Cavdar, University of Gdansk, Gdansk, Poland "Preparation, optical properties and photocatalytic activity of CuInS₂ Quantum Dots for H₂ generation"

K. Nawrot, Wrocław University of Science and Technology, Wrocław, Poland "CdS-Au Nanocomposite for Efficient Photocatalytic and Photosensitizing Applications"

N. Tarnowicz, Wrocław University of Science and Technology, Wrocław, Poland "Hybrid plasmonic photocatalyst for cofactor regeneration under Vis-IR light"

16:00 Closing ceremony