



Nanotechnology Meets Nanomedicine

International Summer School for Chemistry, Physics, material Sciences, Medicine and Life Sciences Students
27th – 30th June, 2019

SCHOOL PROGRAM

Thursday (27th June)

Venue: Faculty of Chemistry and Geosciences, Vilnius University, Naugarduko st. 24, Vilnius
Auditorium no. 117

Time	Lecturer	Country	Institution	Title
9:00 - 10:00	Registration			
10:00-11:30	Prof. Gediminas Niaura	Lithuania	Center for Physical Sciences and Technology and Vilnius University	Surface Enhanced Raman Spectroscopy for Analysis of Structure and Function of Adsorbed Biomolecules
11:30-11:45	Break			
11:45-13:15	Prof. Virginijus Barzda	Canada	University of Toronto Mississauga	Nonlinear optical microscopy for biological imaging
13:15-14:15	Lunch			
14:15-15:45	Dr. Vladimir Sivakov	Germany	Leibniz Inst. of Photonic Technology	Silicon-based Nanomedicine: Future or Fantasy?
15:45-16:00	Break			
16:00-20:00	Dr. Simas Šakirzanovas	Lithuania	Vilnius University	Demo Workshops

Friday (28th June)

Venue: Life Sciences Center, Vilnius University, Sauletekio av. 7, Vilnius
Auditorium no. R209

Time	Lecturer	Country	Institution	Title
8.30-10.00	Dr. Urtė Neniškytė	Lithuania	Vilnius University	Introduction to ImageJ programe
10.00-10.15	Break			
10.15-11.45	PhD Student Kristina Jevdokimenko	Lithuania	Vilnius University	Workshop with ImageJ programe I
11.45-12.00	Break			
12.00-13.30	PhD Student Kristina Jevdokimenko	Lithuania	Vilnius University	Workshop with ImageJ programe II
13.30-14.30	Lunch			
14.30-16.00	PhD Student Kristina Jevdokimenko	Lithuania	Vilnius University	Workshop with ImageJ programe III
16.00-16.15	Break			
16.15-17.45	PhD Student Kristina Jevdokimenko	Lithuania	Vilnius University	Workshop with ImageJ programe IV



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Saturday (29th June)

Venue: Faculty of Chemistry and Geosciences, Vilnius University, Naugarduko st. 24, Vilnius
Auditorium no. 117

Time	Lecturer	Country	Institution	Title
8.30-10.00	Dr. Andrey Kuzmin	USA	SUNY, The State University of New York	Raman spectroscopy and CARS imaging in biomedical applications
10.00-10.15	Break			
10.15-11.45	Dr. Mangirdas Malinauskas	Lithuania	Vilnius University	Mesoscale Optical 3D Printing
11.45-12.00	Break			
12.00-13.30	Prof. Chia-Liang Cheng	Taiwan	National Dong Hwa University	Nanodiamond for Future Medicine
13.30-14.30	Lunch			
15:00-16:30	Excursion to Vilnius City Center			
18:00	Get-Together (<i>chargeable event</i>)			

Sunday (30th June)

Venue: Faculty of Chemistry and Geosciences, Vilnius University, Naugarduko st. 24, Vilnius
Auditorium no. 117

Time	Lecturer	Country	Institution	Title
8.30-10.00	Prof. Sabrina Pricl	Italy	DEA, University of Trieste	Drug delivery Systems: from computer-assisted design to in vivo performance
10.00-10.15	Break			
10.15-11.45	Prof. Sabrina Pricl	Italy	DEA, University of Trieste	Drug delivery Systems: from computer-assisted design to in vivo performance
11.45-12.00	Break			
12.00-13.30	Prof. Ričardas Rotomskis	Lithuania	National Cancer Institute	Light and nanoparticles in cancer theranostic: towards nanomedicine I.
13.30-14.30	Lunch			
14.30-16.00	Prof. Ričardas Rotomskis	Lithuania	National Cancer Institute	Light and nanoparticles in cancer theranostic: towards nanomedicine II.
16.30	Bus Transfer to CTCT-5.0 conference (TonyResort)			