



Institut Ruđer Bošković
i
Hrvatsko mikroskopijsko društvo



25. godišnji sastanak Hrvatskog mikroskopijskog društva

petak, 1. prosinca 2017., IRB, Bijenička cesta 54

Program:

Krilo Ivana Supeka:

13:00 – 14:00 Postavljanje postera i izložbenih prostora tvrtki
14:00 – 15:00 Razgledanje postera i izložbenih prostora tvrtki
Razgledanje laboratorija

Predavaonica Ivana Supeka:

15:00 – 15:05 Otvaranje i pozdravi
15:05 – 15:35 Izlaganje predavača s Instituta Ruđer Bošković:
15:05-15:20 Hrvoje Fulgosi: Novi život EM10
15:20-15:35 Domagoj Belić: Krio elektronska mikroskopija – dodir
fizike, kemije i biologije
15:40 – 17:55 Predstavljanje zastupnika i proizvođača opreme
15:40 – 16:05 ANSAR-ANALITIKA d.o.o./FEI, BRUKER, SYMPATEC
16:05 – 16:40 MIKRO+POLO d.o.o. / HITACHI
16:40 – 17:05 SCAN / JEOL
17:05 – 17:30 MERCK d.o.o.
17:30 – 17:55 OLYMPUS S.R.O.
17:55 – 18:25 Godišnja skupština HMD-a

od 18:25 Domjenak

Prijava sudjelovanja:

Prijave za sudjelovanje primaju se **do 28. studenog 2017.** na adresu:

mikroskopija@hiim.hr

U prijavi navedite ime, prezime i adresu, a u slučaju sudjelovanja s **posterom**, još i naslov i autore. Poster može biti s nekog od ovogodišnjih skupova. Poster će se uklanjati najkasnije nakon završetka Godišnje skupštine.

Za organizatora: Hrvoje Fulgosi, Laboratorij za molekularnu biljnu biologiju i biotehnologiju,
Zavod za molekularnu biologiju, Institut Ruđer Bošković, e-mail: fulgosi@irb.hr

NAŠI SPONZORI:



Ansar-analitika, FEI, Bruker, Sympatec
kreso.mesarek@ck.t-com.hr



Mikro+polo, HITACHI
matej.novak@mikro-polo.si



Scan, JEOL
slavko.zizek@scan.si



Merck
igor.pongrac@merckgrup.com



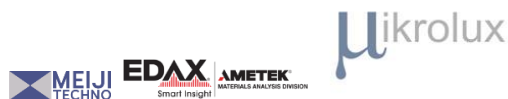
Olympus S.R.O.
luka.jugovic@olympus-europa.com



Kal-tim
kaltim-zagreb@zg.t-com.hr



Mikrolux d.o.o. Tescan, Bruker, Oxford
Instruments, Quorum Technologies, Meiji
Techno i Edax/Ametek
mikrolux@email.t-com.hr



m.TEH Mjerne tehnologije d.o.o.,
Keysight nano, Schaefer-Tec
igor.zdrahal@mteh.hr

Posteri

1. Petra Peharec Štefanić, Petra Cvjetko, Ilse Letofsky-Papst, Ivana Vinković Vrček, Biljana Balen: „Ultrastructural changes in tobacco cells induced by differently coated silver nanoparticles“
2. Nikola Bijelić, Dunja Stolnik, Edi Rođak, Ivana Lovrić, Tatjana Belovari: „A method for measuring area and surface-related parameters on microphotographs by using free and open-source image processing software“
3. Ivana Lovrić, Dunja Stolnik, Nikola Bijelić, Tatjana Belovari, Mirela Baus Lončar: „Growth plate and trabecular bone histomorphometry in wild-type and TFF3 knock-out mice“
4. Edi Rođak, Kristina Ivić, Tatjana Belovari, Ivana Lovrić, Nikola Bijelić, Mirela Baus Lončar: „A histological analysis of glycogen content in hepatocytes of trefoil factor family 2 and trefoil factor family 3 knock-out mice“
5. Helena Četković,, Martina Radić, Lucija Ačkar, Maja Herak Bosnar: „Nucleoside-diphosphate kinase Nme6 in humans and sponges“
6. Marta Skelin, Marija Ćurlin: „GABA signaling pathway key molecules are expressed in mouse and human cervical tissue“
7. Marina Radmilović, Siniša Škokić, Srećko Gajović: „GlowLab MRI Projects“
8. Petar Šenjuga, Matija Horaček, Miroslav Tišljara, Matija Crnogorac, Luka Torić, Krešimir Galešić, Danica Galešić Ljubanović: „Clinicopathological characteristics of focal segmental glomerulosclerosis (FSGS) combined with thin glomerular basement membranes“
9. Martina Radić, Marko Šoštar, Helena Četković, Igor Weber, Neda Slade, Maja Herak Bosnar: „NDPK A and NDPK B – subcellular dynamics and interactions“
10. Domagoj Belić, Oihane Fragueiro, Dina Salah, Martin Volk, Mathias Brust: „Toward direct electron microscopy of nanomaterials in living systems“
11. Vesna Babić-Ivančić, M. Dutour Sikirić, Anamarija Stanković, Silvija Šafranko: „Microscopy in Urolithiasis Research“
12. Nives Matijaković, Michela Reggi, Giuseppe Falini, Damir Kralj: „Synthesis of uniform plate-like {001} calcite crystal seed“
13. Iva Buljan Meić, Andreja Gajović, Milivoj Plodinec, Miran Čeh, Damir Kralj: „Biomimetic synthesis of CaCO₃ in alginate hydrogels modified with amino acids“

14. Mario Matošević, Sanja Šuica: „Microstructural characteristics of staurolite from mica schist of the Drava depression basement (Croatia)“
15. Nenad Tomašić, Sabina Strmić Palinkaš, Andrea Čobić, Blažo Boev, Ivan Boev, Vladimir Bermanec: „Occurrence of clinozoisite-epidote minerals in the metamorphic suite and granitic intrusions of the Dunje area, South Macedonia“
16. Teodoro Klaser, Željko Rapljenović, Luka Vanjur, Željko Skoko: „Nanoworld of acrobatic crystals – thermosalient effect (example of scopolamine bromide)“
17. Jelena Macan, Filip Brleković, Nikša Krstulović, Krešimir Salamon, Andreja Gajović: „Calcium manganite coatings for energy conversion“
18. Ivana Panžić, Jelena Macan, Krunoslav Juraić, Krešimir Salamon, Andreja Gajović: „Zinc oxide for photovoltaic applications“
19. Daniel Meljanac, Krunoslav Juraić, Davor Gracin, Milivoj Plodinec, Nikša Krstulović, Krešimir Salamon, Hrvoje Skenderović, Iva Šrut Rakić, Sigrid Bernstorff: „Structural investigation of nanocrystalline ZnO:Al thin films deposited by PLD in RF excited oxygen atmosphere“
20. Wiebke Frandsen, Marc-Georg Willinger, Bojana Miličević, Miroslav Dramićanin, Ivana Panžić, Milivoj Plodinec, Andreja Gajović: „TiO₂ modified by Sm and catechol for photovoltaic use“
21. Krunoslav Juraić, Marco Deluca, Robert Wimmer-Teubenbacher: „Barium titanate thin films deposition by spray pyrolysis“
22. Tomislav Gregorić, Janja Makarević, Leo Frkanec: „Microscopic determination of gel morphology before and after polymerization induced by gamma and ultraviolet radiation“
23. Juraj Nikolić, Luka Pavić, Ana Šantić, Petr Mošner, Ladislav Koudelka, Damir Pajić, Andrea Moguš-Milanković: „Ion-polaron charge transport in alkali zinc phosphate glasses containing WO₃ and MoO₃“
24. Antun Tonejc, Anđelka Tonejc: „Transmisijska elektronska mikroskopija na IF(S)-u i Fizičkom odsjeku PMF-a: početak 1967. i završetak 2017.“