

Poster Contributions

Poster sessions take place during the scheduled coffee breaks.

1. Gabriels Grinblats

Latvian Biomedical Research and Study Centre

"Comparative analysis of cancer stem cell marker expression and Tamoxifen sensitivity in MCF7 cells across well plates, transwells and organ-on-a-chip systems"

2. Artjoms Ščeglovs

Institute of Solid State Physics, University of Latvia

"Microfluidic chip-based platform towards replacing the in vivo rodent calvarial critical-size defect model"

3. Timothy Kokshrov

University of Latvia / ISSP UL

"Studying magnetotactic bacteria dynamics in porous media by using microfluidic chips"

4. Laura Millere

Riga Technical University

"Amorphous calcium phosphate physicochemical property changes in static vs. microfluidic systems"

5. Edvarts Uzulnieks

Institute of Solid State Physics, University of Latvia

"Electroless plating on polymer-based substrates"

6. Max Pöhlmann

University of Bayreuth

"A generalized irreversible topological magnetic Rubik's cube transport problem on a truncated dodecahedron"

7. Anjaly S Menon

Aalto University

"Magnetic Control of Suspensions of Non-Magnetic Bacteria"

8. Thomas Fischer

University of Bayreuth

"Applications of topological magnetic transport"

9. Marcus da Silva

Institute of Solid State Physics, University of Latvia

"Scalable manufacturing of a high-shear microfluidic test section for Point-of-Care clotting assessment, CLOTcheck"

10. Edmunds Zutis

Institute of Solid State Physics, University of Latvia

"Aptamer-Functionalized Gold Surfaces for Fluorescent Malaria Biosensing"

11. Justs Zalums

Latvian Biomedical Research and Study Centre

"Developing a gut-on-chip model for celiac disease using patient-derived induced pluripotent stem cells"

12. Mara Smite

Institute of Solid State Physics, University of Latvia

"Development of experimental, motility-based methods for the quantitative characterization of magnetotactic bacteria"