GlaCerHub Training Programme 2026

EVENT 3 – AGENDA

Date: 18 to 20 November, 2026

Location: CEITEC BUT, Purkyňova 656/123, 612 00 Brno
Building S, conference room S2.02

Wednesday, 18th of November, 2026	
Day 1 – Afternoon session - Module 1 **Biological properties of additively manufactured ceramics and glasses**	
14:05 – 14:45	**Safety assessment of biomaterials and advanced therapy medicinal products** *Assoc. Prof. RNDr. Irena Koutná, Ph.D.,* *Head of the research group Cell and Tissue Engineering, MUNI*
14:45 – 15:25	**Bioglasses, bioceramics and other biomaterials** *Ing. Martin Michálek, PhD., Head of Biomaterials Department, FunGlass*
15:25 – 15:45	**Coffee break and discussions**
15:45 – 16:15	**Biological Evaluation of Glass and Ceramic Materials: Methods, Challenges and Interpretation** *RNDr. Zuzana Neščáková, PhD., Department of Biomaterials, FunGlass*
16:15- 16:30	**Concluding comments**
16:30	**End of the Day 1 – Afternoon session and Module 1**
Thursday, 19th of November, 2026	
Day 2 – Morning session - Module 2 **Extrusion-based additive manufacturing**	
9:30 – 10:00	**Direct Ink Writing Overview: 11 years of robocasting in the Czech Republic** *Dr. Edgar Montufar, HPMC$_4$I-RG, CEITEC-BUT – coordinator of EVENT3*
10:00 – 10:30	**FDM, SLA, DIW: Choosing the Right 3D Printing Technology for Your Ceramic Application** *Dawid Kozień dr. inż., Faculty of Materials Science and Ceramics, AGH Kraków*
10:30 – 11:00	**Short break + discussions**
11:00 – 11:30	**Direct ink writing of advanced ceramics (online lecture)** *Hamada Elsayed PhD, University of Padova, Italy.*
11:30 – 12:00	**Round table: next 5 years of robocasting** *Edgar Montufar, Dawid Kozień, Hamada Elsayed*
12:00	**End of the Morning session and Module 2**

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12:00 – 13:30	Group photo and Lunch break
Day 2 – Afternoon session - Module 3 VAT photopolymerization additive manufacturing	
13:30 – 14:00	A plug-and-play platform for self aligning 3D printed structures on optical fibers *Ing. Lukáš Zezulka, FME BUT*
14:00 – 14:30	VAT photopolymerization at Ceraprint *Ing. Přemysl Šťastný, Ph.D., Ceraprint s. r. o.*
14:30 – 15:00	Coffee break and discussions
15:00 – 15:30	Multimaterial ceramics prepared using VAT photopolymerization *Ing. Zdeněk Chlup, Ph.D., IPM CAS CZ*
15:30 – 16:00	Discussion and Concluding comments
16:00	End of the Day 2 Afternoon session and Module 3
18:30	Dinner
Friday, 20th of November, 2026	
Day 3 – Morning session - Module 4 Glass and ceramic processing	
09:30 – 10:25	Processing of porous ceramics *Dr. Edgar Montufar – coordinator of EVENT3*
10:25 – 11:00	Coffee break and discussions
11:00- 11:40	Advanced Glass and Ceramic Processing: Additive Manufacturing, Recycling and Upcycling *Ing. Jozef Kraxner, PhD., Dr. Anastasiia Novokhatska, Dr. Mokhtar Mahmoud, FunGlass*
11:40- 12:00	Concluding comments
12:00	Lunch
12:00	End of the Day 3 - Morning session and Module 2 – and EVENT 3

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