

Tentative program

DAY 1 - Thursday 6th November 2025

9:00 - 9:10	Welcome
9:10 – 9:25	Renats Vasiljevs (Latvia) Effect of gallium content on stability and sinterability of amorphous calcium phosphate
9:25 – 9:40	Jingzhi Fan (Latvia) Metabolomics-Inspired Bioceramic: Amorphous Calcium Phosphate with Glutamate Targeted Metabolic Enhancement for Bone Repair
9:40 – 9:55	Romain Journiac (France) In-Vitro Bioresorption Behavior of A-type Carbonated Hydroxyapatites
9:55 – 10:10	Giulia Verlato (Italy) Bioinspired Triply Periodic Minimal Surface (TPMS) Calcium Phosphate Scaffolds for Bone Tissue Regeneration
10:10 – 10:25	Break
10:25 – 10:40	Marina Monika Marić (Croatia / Germany) Exploring Borate Bioactive Glass Nanoparticles: From Material Design to Bone Regeneration Potential
10:40 – 10:55	Valeria Diamanti (Italy) Hybrid Direct Ink Writing of silicone-based Emulsions for Advanced Biosilicate® scaffolds
10:55 – 11:10	Damian Andrada (Germany) From ions to new blood vessels: stimulating angiogenesis with Cu-releasing bioactive glasses
11:10 – 11:30	Break
11:30 – 12:30	Poster session 1/2
1	Klaudia Trembecka-Wójciga (Poland) DLP-Printed Bimodal-Ceramic Zirconia Scaffolds with Magnesiothermic Reduction from White to Black ZrO _{2-x}
2	Julia Apel (Germany) Development of 3D printed ceramic biomimetic bone models for future surgical training
3	Maria Eduarda Xavier da Silva (Brasil) Bioglass-Based Bandages Manufactured by Tape Casting for Application in Tissue Engineering
4	Guido de la Torre Olvera (Slovakia) Alkaline Activation of Silicon Nitride and Nano Silicon nitride for the Development of Bioactive Materials
5	Belkis Güneş Kara (Belgium) Development of Additively Manufactured Lithium Disilicate Glass-Ceramics for Dental Applications
12: 30 – 12:45	Break
12:45 – 13:00	Giovanni Lo Bello (Italy) Anti-adhesive surface properties of wood-derived hydroxyapatite scaffolds against bacteria
13:00 – 13:15	Nerea Garcia de Albeniz Lopez Aberasturi (Spain) Engineering antibacterial and cell-instructive zirconia surfaces for next-generation dental implants
13:15 – 13:30	Swaminathan Harish (Finland) 3D-printed Glass-Ceramic Composite Scaffolds Based on Borosilicate Glasses and Ag/Sr-Substituted Hydroxyapatite: Physicochemical and Antibacterial Properties



BIOCERAMICS NETWORK 2ND STUDENT SPEECH CONTEST

DAY 2 - Friday 7th November 2025

9:00 - 9:10	Welcome
9:10 – 9:25	Roberto Fagotto Clavijo (Spain) DLP printing reactive scaffolds for bone regeneration
9:25 – 9:40	Luís Pereira (Portugal) Development of Hydroxyapatite-Based Microneedle Patches via LCM-DLP 3D Printing for Dental Applications
9:40 – 9:55	Alireza (Kourosh) Charmforoushan (Finland) Eco-friendly Fast-facile Synthesis of Nanostructured Calcium Phosphate Bioceramics by Liquid Flame Spray (LFS) Method
9:55 – 10:10	Break
10:10 – 10:25	Kinga Kowalska (Poland) Sintered β -TCP/Borate Bioactive Glass composites for bone replacement
10:25 – 10:40	Soraia Coelho (Portugal) Electrospun borosilicate-based membranes with enhanced angiogenic response for tissue regeneration.
10:40 – 10:55	Maryam Mehdizade (Poland) Effect of calcium-based bio ceramics addition on biological performance and bio degradation rate of Mg-based scaffolds for bone tissue engineering applications
10:55 – 11:10	Break
11:10 – 12:10	Poster session 2/2 – same list as Day 1
12:10 – 12:25	Break
12:25 – 12 40	Sumiya Iqbal (Germany) Impact of Nanocarrier Morphology, Molecular Weight and Hydrophobicity of Drugs on Encapsulation Efficiency
12:40 – 12:55	Caitlin Guzzo (Norway) Designing piezoelectric bioceramics: Implants that listen--and respond
12:55 – 13:10	Gabriel Oliveira (Portugal) Development of an Intraoral Device that is capable of piezoelectric activity