

Participări la conferințe internaționale (doctoranzi – ultimii 5 ani)

1. Lacan, I., Moldovan, M., Sarosi, C., Cuc, S., and Ardelean, I. The influence of alcohol in mouthwash on a bone regeneration cement: NMR relaxometry investigations. 13th International Conference, Processes in Isotopes and Molecules, 22-24 September 2021, Cluj-Napoca, Romania.
2. Lacan, I., Moldovan, M., and Ardelean, I. Evaluation of absorption and solubility of calcium phosphate cements in artificial saliva. 14th International Conference, Processes in Isotopes and Molecules, 19-22 September 2023, Cluj-Napoca, Romania.. Poster
3. Karoly Mostis, Mihai M. Rusu, Ioan Ardelean, Carbon black concentration effects in fresh and hardened cement paste: an NMR investigation, Alpine NMR Workshop, Bled, 2025
4. Amalia Taut, Synthesis and characterisation of microcapsules for self-healing dental resins, Alpine NMR workshop, 2024
5. Cotojman Loredana, Int. Conf. BRAMAT 2022, Brasov , 9-12.03.2022
6. Karacay N. Emrah, Int. Conf. BRAMAT 2024, Brasov, 13-16.03.2024
7. Karacay N. Emrah, Int. Conf. AMS 2024, Timișoara, 30.05-01.06.2024
8. Karacay N. Emrah, EUROINVENT ICIR 2024, Iași, 06-07.06.2024
9. Daniel Ș.C. Andrada-Alexandra, MXene 2020:
Ten Years Later "Virtual Conference":Drexel University, Philadelphia, PA, USA: learner , August 3rd-4th 2020
10. Alexandra Csapai, Violeta Pașcalău, Codruța Pavel, Cătălin Popa, Medical microfluidic systems with integrated electrodes via additive manufacturing - 8th International Conference on Materials Science and Technologies – RoMat 2020, Bucharest, Romania, , November 26-27th, 2020.
11. Alexandra Csapai, Dan-Alexandru Țoc, Violeta Pașcalău, Victor Toșa, Dan Opruța, Florin Popa, Cătălin Popa, Study on the effect of in situ surface treatments of medical microfluidic systems obtained through additive manufacturing, International Conference on Innovative Research, ICIR Iasi, 20th–21st of May 2021.
12. Alexandra Csapai, Dan A, Țoc, Nicoleta I. Toșa, Violeta Pașcalău, Florin Popa, Cătălin O., 3D printed microfluidic bioreactors used for the controlled growth of bacterial biofilms, BRAMAT 2022, 12TH INTERNATIONAL CONFERENCE ON MATERIALS SCIENCE & ENGINEERING, 2022
13. Alexandra Csapai, Dan A, Țoc, Nicoleta I. Toșa, Violeta Pașcalău, Florin Popa, Cătălin O. Popa, Study of the effect of dielectrophoresis on the formation and growth of bacterial biofilms in microfluidic bioreactors, International Conference on Innovative Research, ICIR Iasi, 26th–27th of May 2022.
14. Alexandra Csapai, Dan A. Toc, Nicoleta Tosa, Septimiu Tripon, Alexandra Ciorîță, Razvan M. Mihaila, B. Mociran, Carmen Costache, Catalin O. Popa, Selective bacterial growth in 3D printed microfluidic bioreactors: from simulated conditions to experiment, International Conference on Innovative Research, ICIR Iasi, 11th–12st of May 2023
15. Ovidiu-Darius Jucan, Rareș-Vasile Gădălean, Horea-Florin Chicinaș, Nicolae Bâlc, Cătălin-Ovidiu Popa, Mechanical properties of some WC-Co / PA12 samples made via Indirect Selective Laser Sintering (SLS) and Sinter-HIP, ICIR Euro Invent, 2021.
16. Ovidiu-Darius Jucan, Rareș-Vasile Gădălean, Horea-Florin Chicinaș, Nicolae Bâlc, Cătălin-Ovidiu Popa, The Assessment of the Transversal Rupture Strength (trs) and

Hardness of WC-Co Specimens Made via Additive Manufacturing and Sinter-HIP, ICIR Euro Invent, 2023.

17. Natalia Paul, Catalin Popa, Rodica Elena Ionescu. Magnetotactic Bacteria in the Medical Field versus Magnetic Nanoparticles. International Conference on Innovative Research - EUROINVENT XVIIth Edition, May 2025, Iasi, Romania. {hal-05064718}
18. Natalia Paul, Catalin Popa, Rodica Elena Ionescu. Magnetotactic bacteria for nanobiotechnological applications. 27ème Congrès Général de la Société Française de Physique, Jun 2025, Troyes, France. {hal-05140012}
19. Natalia Paul, Catalin Popa, Rodica Elena Ionescu. Characterization of magnetotactic bacteria using advanced microscopic techniques. 6th International Conference on Powder Metallurgy & Advanced Materials 29 October - 01 November 2025, Cluj-Napoca, ROMANIA
20. V.P. Tosa , A. Ilie-Ene, A. Csapai, Catalin O. Popa, Development of cyanoacrylate tissue adhesive on fibrous structures for hemostasis during open surgery procedures, , “19th Nordic-Baltic Conference on Biomedical Engineering and Medical Physics”, 2023.
21. Victor TOSA, Alexandru ILIE-ENE, Alexandra CSAPAI, Amalia MESAROS, Catalin POPA, Development of a polymer fiber based system for hemostasis in open surgery procedures using cyanoacrylate tissue adhesive, Euroinvent, 2023.
22. Victor TOSA, Alexandru ILIE-ENE, Alexandra CSAPAI, Septimiu TRIPON, Amalia MESAROS, Catalin POPA, Development of cyanoacrylate tissue adhesive – polymer support systems for hemostasis during open surgery procedures, Euroinvent, 2024.
23. V. P. Tosa , M. Gherman, C. O. Popa, N. Tosa, S. C. Tripon, A. Csapai, Rapid Detection of Ephedrine in Whole Blood Using a 3D Origami Paper-Based Microfluidic Platform with Integrated Electrodes and Colorimetric Sensing, RoPM&AM International Conference, 2025.
24. Amalia Mazilu Moldovan, Cristina Gasparik, Pompilia Mioara Purcea Lopes, Marioara Moldovan, Ioan Petean, Codruta Sarosi, Violeta Popescu, *The influence of bromelain and papain enzymes on human enamel and restorative composite in whitening procedure*, 9th International Conference “Biomaterials, Tissue Engineering & Medical Devices” BIOMMEDD’2022, July 20-22th, 2022, Bucharest, Romania
25. M Moldovan, D Prodan, Amaia Ionela Moldovan, S Cuc, ML Rusu, I Petean, G Furtos, C Sarosi, *Enamel surface morphology before and after whitening treatment*, 2025, Dental Materials, 41, e103-e104, Elsevier