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| 1 | CEIPEX RESEARCH TOPIC LEVEL2: advanced ceramic materials, polymers & composites |
| 2 | RESEARCH GROUP: Advanced Ceramic Materials (M. Trunec) |
| 3 | TOPICS/FOCUS: Development of multimaterial 3D printing using the digital light processing method |
| 4 | <p>SUMMARY:</p> <p>The aim of the project is to develop an innovative technology for 3D printing ceramic–metal components using the digital light processing (DLP) method. The project will focus not only on developing novel materials and manufacturing processes, but also on supporting a long-term research platform for technology transfer. This platform will provide regional companies with sustainable collaboration opportunities and access to advanced 3D printing technologies under development. The developed method will be demonstrated through the preparation of prototype composite components, designed in cooperation with regional companies (e.g., Roplass s.r.o.) and validated in industrial practice.</p> <p>Leading CEITEC Institution and PI: CEITEC BUT, Prof. Martin Trunec, RG201 Cooperating CEITEC Institution and PI: CEITEC IPM, Dr. Zdenek Chlup</p> |
| 5 | RG WEBPAGE/CONTACT: https://www.ceitec.eu/advanced-ceramic-materials/rg12 |