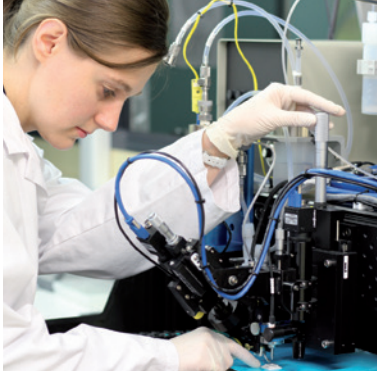


ALTERINOV Platform Ceramic Additive Manufacturing



ALTERINOV is the first european technological platform dedicated to Additive Manufacturing of Ceramics and Multimaterial components. The platform aims to help companies to explore new manufacturing technologies through AM solutions.

ALTERINOV provides access to high tech R&D equipments without costly investment and with the benefit of 18-year-old CTTC's skills in AM technologies.

OUR SERVICES

Solutions for ceramic and multimaterial additive manufacturing:

- Technology selection and development roadmap for each industrial requirements
- Developpement of formulations and processes
- Post-treatments et characterizations
- Test, proove of concept and prototyping
- R&D, Expertise et Training

OUR MEANS

ALTERINOV proposes state-of-the-art and new disruptive technologies for example to produce on a single printer 3D components made of different materials with high accuracy.

- Ink Jet Printing (IJP)
- Aerosol Jet Printing (AJP)
- LASER Stereolithography (SLA)
- Selective Laser Sintering (SLS)
- Binder jetting (3DP)
- Extrusion modelling (FDM)
- Aerosol Deposition Method (ADM)
- Rapid Prototyping / injection molding (RP)
- 3D scanning

OUR PARTNERS

MGI Ceradrop (for IJP at AJP)
 3DCeram (under exclusive licence for SLA)
 Cerinnov Group
 University of Limoges - SPCTS - XLIM - ENSCI
 Pôle Européen de la Céramique - Elopsys
 Route des Lasers

SOME EXAMPLES

- Printed Strain Gauges
- Micromechanical parts
- HF Filters
- Cranial bone substitutes
- Electronic patterning on 3D substrates

