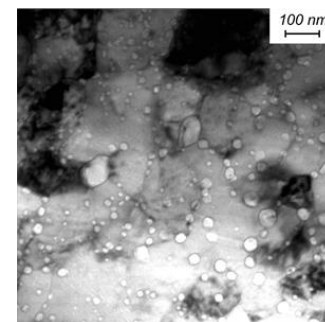
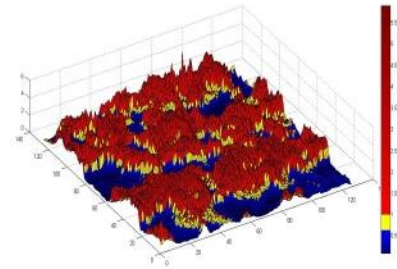




Metallurgy and Materials Science

Research Topics

- Metallic alloys for high temperature applications
 - Ni base superalloys and ODS steels
- Materials for applications in future nuclear fusion reactors
- Stainless steels
- Laser and electron beam welding
- Metal Matrix Composites
- Precious metals (Au and Ag alloys)
- Metal foams
- Metal hydrides for hydrogen storage
- Additive manufacturing
- Bulk and surface materials characterization :
 - X-ray diffraction, Electron Microscopy, Micro-chemical analysis EDS, XPS and AES, Instrumented Indentation, Mechanical Spectroscopy



Contact

Prof. Roberto Montanari

Tel. +39 06 7259 7182

roberto.montanari@uniroma2.it