

Organization: *National Institute RD in Microtechnology (IMT - Bucharest)*

Web Page: *www.imt.ro*

Country: *Romania*

Main Activity: *Research*

Department:

Contact Person: *Adrian Dinescu*

E-mail: *adriand@imt.ro*

Other Contact Data:

Profile:

- Research and development in the field of characterization methods for materials and processes at micro and nanometric scale. Application of high resolution surface investigation techniques to solve engineering problems at these scales, especially investigation of correlations between technological process parameters structure and structure-properties order to obtain materials for specific applications.

Participation to European Projects:

-

**ICT-2007.3.1: Next-Generation Nanoelectronics Components and Electronics
competence / resources**

Atomic Force Microscopy (AFM), Scanning Electron Microscopy (SEM), Electron Beam Lithography, Optical Microscopy, Electrical characterization of materials and devices.

proposal / interest

alternative pattern transfer technologies, such as maskless lithography; characterisation techniques supporting multi-site and single wafer