



Contribution ID: 102

Type: **not specified**

## Desktop X-ray Tomography of Low Contrast Samples

*Tuesday, 25 September 2012 18:20 (15 minutes)*

X Lab Frascati has one of the main activity dedicated to Imaging and tomography reconstruction, improving a new imaging technique on the base of polycapillary optics in order to study low contrast, even in combination with fast developing processes.

In this talk we are going to present our first results on micro-Tomography as possible future development of experimental layout characterized by polycapillary devices in the fields of biomedical imaging diagnostics, material science, environmental science, diagnostic for hi-tech, etc.

**Primary author:** Dr HAMPAL, Dariush (LNF)

**Co-authors:** Mr INNOCENTI, Luca (Università di Roma "Tor Vergata"); Dr MARCHITTO, Luca (IM-CNR); Dr ALLOCCA, Luigi (IM-CNR); Dr ALFUSO, Salvatore (IM-CNR); Prof. DABAGOV, Sultan (INFN Laboratori Nazionali di Frascati)

**Presenter:** Dr HAMPAL, Dariush (LNF)

**Session Classification:** S4.2 X-ray Channeling & X-ray Optics

**Track Classification:** X-ray Channeling & X-ray Optics