

Wednesday, December 9th, 2009, 04:00 pm

Institut Fresnel, Bâtiment Fresnel, Campus de Saint Jérôme, Marseille

Venue: Amphithéâtre Ponte

Leica Scientific Forum Marseille

Advances in Life Science

Prof. Enrico Gratton

Professor of Biomedical Engineering and Physics,
University of California, Irvine/USA

**“3D Particle Tracking and Imaging
at the Nanometer Scale”**

December 9th, 2009

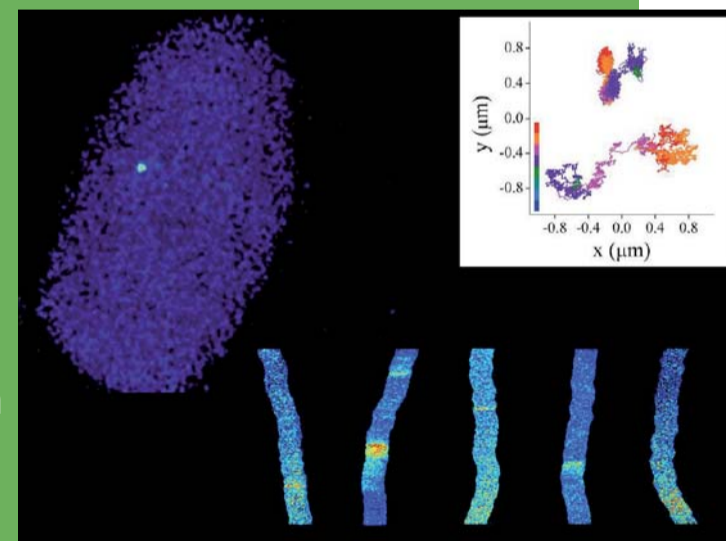
04:00 Welcome by Chairman Prof. Pierre-François Lenne

Prof. Enrico Gratton will talk about:

- Tracking of fluorescent particles in 3D to obtain the images of underlying structures with nanometer resolution.
- Extension of this method to obtain nanometer resolved images of complex biological structures through tracking by circular scanning.
- In this talk the basis of the method is discussed and examples of chromatin structure and the structure of microvilli are shown.

Discussion

05:30 Post Lecture Reception – Meet the Speaker



Scientific Advisory Board: Prof. Daniel Choquet (University Bordeaux), Prof. Pierre-François Lenne (Institut Fresnel, Marseille), Prof. Jean Salamero (Institut Curie), Prof. Spencer Shorte (Institut Pasteur), Dr. Thomas Zapf (Leica Microsystems GmbH)

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