

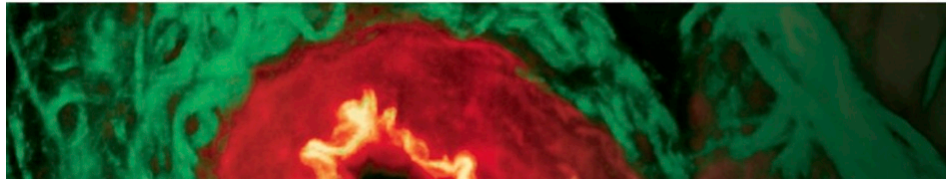
# Novel Optical Microscopies for Biomedical Applications

**PALM**  
Laboratoire d'Optique  
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TRIANGLE  
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## Report of Contributions

Contribution ID: 1

Type: **not specified**

## **Fluorescence lifetime imaging across the scales**

*Thursday, September 26, 2013 9:15 AM (45 minutes)*

**Presenter:** Prof. FRENCH, Paul (Imperial College)

**Session Classification:** Morning Session

Contribution ID: 3

Type: **not specified**

## **Unraveling the structural and dynamic properties of macromolecular assemblies, one molecule at a time**

*Thursday, September 26, 2013 10:00 AM (45 minutes)*

**Presenter:** Dr DAHAN, Maxime (Institut Curie)

**Session Classification:** Morning Session

Contribution ID: 4

Type: **not specified**

## **Superresolution imaging of synapses in brain slices by STED microscopy**

*Thursday, September 26, 2013 11:15 AM (45 minutes)*

**Presenter:** Prof. NÄGERL, Valentin (Université de Bordeaux)

**Session Classification:** Morning Session

Contribution ID: 5

Type: **not specified**

**Digital holographic microscopy: a new coherent imaging modality to quantitatively explore living cell dynamics with nanometer sensitivity: toward resolving local neural network activity**

*Thursday, September 26, 2013 3:45 PM (45 minutes)*

**Presenter:** Prof. MARQUET, Pierre (Université de Lausanne)

**Session Classification:** Afternoon Session

Contribution ID: 6

Type: **not specified**

## **In situ visualization of collagen architecture in biological tissues using polarization-resolved SHG microscopy**

*Thursday, September 26, 2013 3:00 PM (45 minutes)*

**Presenter:** Dr SCHANNE-KLEIN, Marie-Claire (Ecole Polytechnique)

**Session Classification:** Afternoon Session

Contribution ID: 7

Type: **not specified**

## **What can be done with full field optical coherence tomography?**

*Thursday, September 26, 2013 12:00 PM (45 minutes)*

**Presenter:** Prof. BOCCARA, Claude (Institut Langevin)

**Session Classification:** Morning Session