



Contribution ID: 271

Type: **Oral**

Tutorial 4: Advanced X-ray imaging: from the nanoscale at synchrotrons to clinical applications in hospitals

Tuesday, 16 May 2023 17:15 (1 hour)

In this tutorial I will briefly review the principles of synchrotron radiation, introduce the basics of tomographic microscopy and then showcase some of the latest imaging results, with particular focus on time-resolved experiments. I will then further discuss on how some of the tools originally designed for machine diagnostics purposes have developed into powerful, potentially game-changing instruments with a clinical impact. The tutorial has been conceived to provide an “easy-entry” into the fascinating world of modern X-ray imaging.

Select Topic 1

Select Topic 2

Primary author: STAMPANONI, Marco (Paul Scherrer Institute and ETH Zürich)

Presenter: STAMPANONI, Marco (Paul Scherrer Institute and ETH Zürich)

Session Classification: Bioimaging