Heinz-Eberhard Mahnke,
Freie Universität Berlin

Bruno Mazoyer - *LAL Orsay 2017*

With detective Sherlock Holmes in the museum – hidden secrets revealed non-destructively

lundi 26 juin 2017
à 11h, Salle Galilée, Bât. 713
CEA Orme des Merisiers

Séminaire SCOPI

Séminaire commun des départements P2I et SPU de l'Université Paris-Saclay et du LabEx P2IO

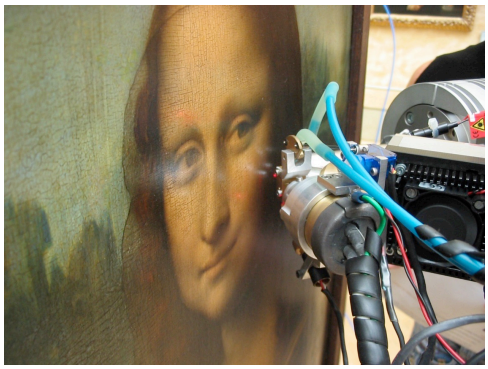
Séminaire SCOPI Paris-Saclay

Heinz-Eberhard Mahnke (Freie Universität Berlin)
Fachbereich Physik and Excellence Cluster TOPOI
(formerly also at Helmholtz Zentrum Berlin)

lundi 26 juin 2017 à 11h00

With detective Sherlock Holmes in the museum – hidden secrets revealed non-destructively

When we see a piece of art or an archaeological object for the first time, a painting, a jewel, a sculpture or merely a simple piece of pottery on display in a museum or in an exhibition, we might be fascinated by its beauty or by its simplicity. The objects on display (or in the museum's magazine), were typically found in official excavations undertaken by archaeologists. But sometimes, archaeological objects (or paintings) come up on the black market offered to museums, art galleries etc. Questions arise about its origin, its context, its provenience, its authenticity. Finding complete answers is a fully interdisciplinary task between art, humanities and natural sciences. Concerning the contribution from natural science, it often needs the application of just the best methods and techniques out of a multitude of possible options, starting from simply viewing with or without a magnifying glass up to highly sophisticated and advanced techniques developed in atomic physics, nuclear chemistry, and even bio physics. This will be illustrated by discussing examples (e.g. paintings, gold finds, manuscripts) which have recently attracted public interest.



CEA - (Salle Galilée - Bât.713, Orme des Merisiers)
Le séminaire sera précédé d'un café/thé à 10h30

Le LABoratoire d'EXcellence Physique des 2 Infinis et des Origines (P2IO) organise conjointement avec les départements Physique des 2 Infinis (P2I) et Sciences de la planète et de l'Univers (SPU) de l'Université Paris-Saclay une série de "Séminaires Communs des Origines et de la Physique des 2 Infinis" (SCOPI).
Ces séminaires s'adressent à un large public.