

Radiochemistry and Nuclear Instrumentation (Low Level Radioactivity)

lundi 21 août 2017 - vendredi 25 août 2017

Faculty of Physics and Engineering

Programme Scientifique

European Summer School 2017

- *Speakers include :*

Prof. D'ERRICO Francesco, Università di Pisa Italy/ Yale University USA: **Low-level neutron measurements and dosimetry**

Dr. SILARI Marco, CERN Geneva: **A distributed network of sensors for real-time remote control of radioactivity and radiation**

Prof. Dr. GECKEIS Horst, Karlsruhe Institute of Technology and Institute for Nuclear Waste **Research towards radioactive waste disposal at KIT-INE**

Dr. QUINTO Francesca, Karlsruhe Institute of Technology and Institute for Nuclear Waste : **Ultratrace analysis of radionuclides by AMS**

Dr. GARCIA PEREZ Carmen, Karlsruhe Institute of Technology and Institute for Nuclear Waste : **Radionuclide speciation by laser spectroscopy**

Prof. GALL Benoit, IPHC University of Strasbourg : **The Oklo natural nuclear reactor**

Dr. VAN WINCKEL Stefaan and Dr. ALDAVE DE LAS HERAS Laura, European Commission, Joint Research Centre, Karlsruhe : **The versatility of ICP-MS for the analysis of radionuclides**

Dr. ASSENMACHER Frank, Paul Scherrer Institut, Switzerland : **Radiation Protection Dosimetry**

Pr. SOHRABI Mehdi, International Atomic Energy Agency, Vienna: **A Standardized Individual Dose System for Epidemiology of Public and Workers by “Universal Radiation Protection System Hypothesis”**

- *Experimental work at IPHC, Strasbourg*

- *Visit Synchrotron based X-ray spectroscopic characterization of radionuclides and KIT-INE Karlsruhe*

<https://indico.in2p3.fr/event/14150/material/slides/0.pdf>