

Scientific day in honor of Bernard, June 27

Conference room of GPM

9:45-10:00 **Welcome and introduction**

10:00-10:30 Prof. Didier Blavette-Université de Rouen-GPM

Bernie and the early stages of development of the tomographic atom probe

10:30-11:00 Prof. Kazuhiro Hono-National Institute for Materials Science (NIMS) Tsukuba Japan

"Bernard Deconihout's Contribution to the NIMS Atom Probe Group"

11:00-11:15 **Coffee break**

11:15-11:45 Ludovic Renaud- CAMECA

Developments of multi-hit Position Sensitive Detectors : from TAP to aDLD

11:45-12:15 Ammar Hideur-Université de Rouen-CORIA

First APT results using femtosecond lasers

12:15-13:45 **Lunch break**

13:45-14:15 Baptiste Gault- Max Plank institute

A journey into atom probe tomography (with Bernie as a guide)

14:15-14:45 Baishakhi Mazumder-University of Buffalo

Pioneering Atom Probe Analysis of Semiconductors and Oxides: A Tribute to Bernard

14:45-15:15 Elena Kachan, Université Jean Monnet, Saint-Etienne, France

"Metallization of dielectric nanostructures in high electric DC fields"

15:15-15:45 Laurent Arnoldi- CAMECA

The winding path of laser-tip interaction

15:45-16:00 **Coffee break**