

Reflections for SOLEIL's upgrade

Radiation Damage

Thursday, January 30th, 2020

Schedule	Auditorium - Central building
12:00 - 13:30	Registration + badge pickup + lunch at SOLEIL Restaurant
14:00 - 14:15	Organizers (15') – Myrtille HUNAUT & Christophe NICOLAS
14:15 - 14:30	Scientific Director (15')- Amina TALEB-IBRAHIMI & Andrew THOMPSON
14:30 - 14 :45	Accelerator (15') – Amor NADJI
14 :45 - 15:00	Optics (15') – François POLACK
15 :00 - 16:00	Seminar: « <i>Synchrotron Radiation Metrology</i> » – Mathias RICHTER (45' + 15'):
16 :00 – 16:30	Coffee Break (30')
16:30 - 17:00	Aging of instrumentation, the example of aerospace – Ennio CAPRIA (20'+10')
17:00 - 17:30	Irradiation Passport for Art. Recording the location and total exposure of radiation of cultural heritage objects and samples.– Ineke JOOSTEN (20'+10')
17:30 - 18:00	Improvement of radiation therapies combined with nanoparticles - future challenges – Sandrine LACOMBE (20'+10')
19:00 - 21:00	Dinner – SOLEIL Restaurant

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Schedule	Auditorium - Central building			
09:00 - 09:30	Études et applications des dégâts des radiations causés aux molécules biologiques <i>Alexandre GIULIANI (20'+10')</i>			
09:30 - 10:00	Radiolyse et radicaux libres radio-induits – <i>Jean-Philippe RENAULT (20'+10')</i>			
10:00 - 10:30	Ionization effects in materials – <i>Bruno BOIZOT (20'+10')</i>			
10:30 – 11:00	Coffee Break (30')			
11:00 - 11:30	Radiation Damage of Nanoscopic Matter exposed to Soft X-rays and how to avoid it – <i>Eckart RUEHL(20'+10')</i>			
11:30 - 12:00	Driving and observing molecular magnetism with X-rays – <i>Philippe SAINCTAVIT (20'+10')</i>			
12:00 – 12:30	XPCS and irradiation induced glass dynamics - <i>Beatrice RUTA (20'+10')</i>			
12:30 - 14:00	Lunch - SOLEIL Restaurant			
Parallel Sessions – (2h)				
14:00 – 16:00	Working group #1 <i>Room : A1.0.59 (Phenix)</i>	Working group #2 <i>Room : A1.1.57 (Orion)</i>	Working group #3 <i>Room : A2.1.22 (Pyxis)</i>	Working group #4 <i>Room : A2.1.32 (Libra)</i>
16:00 - 16:30	Coffee Break (30') - Auditorium - Central building			
16:30 - 17:30	<i>Round Table summary Concluding remarks (1h)</i>			