

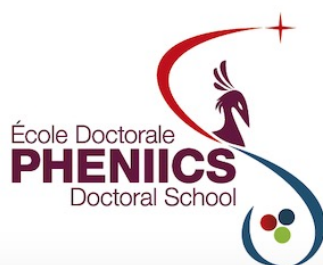
**P**HENIICS  
**F**EST **2022**

**LA CASA **DE** LOS DOCTORADOS**  
**19-20 MAY 2022**  
IJCLab Orsay

Auditorium Pierre Lehmann  
building 200



**W**elcome!



université  
PARIS-SACLAY



**IRSN**  
INSTITUT DE RADIOPROTECTION  
ET DE SÛRETÉ NUCLEAIRE



# Outline of the day – Thursday 19th

	<b>Welcome coffee</b>	
	200, Auditorium - Auditorium P. Lehmann (IJCLab)	08:30 - 09:00
09:00	<b>Introduction</b>	
	200, Auditorium - Auditorium P. Lehmann (IJCLab)	09:00 - 09:30
	<b>Climate Change: what do we learn from the last IPCC assessment reports?</b>	Sophia Szopa
10:00		
	200, Auditorium - Auditorium P. Lehmann (IJCLab)	09:30 - 10:30
	<b>Coffee break</b>	
	200, Auditorium - Auditorium P. Lehmann (IJCLab)	10:30 - 11:00
11:00	<b>Photo</b>	
	200, Auditorium - Auditorium P. Lehmann (IJCLab)	11:00 - 11:10
	<b>Development of a 150MeV laser-plasma injector</b>	Pierre Drobnik
	200, Auditorium - Auditorium P. Lehmann (IJCLab)	11:10 - 11:30
	<b>Development of uniform surface sources by functionalization for decommissioning and dismantling</b>	Dilan TUZUN
	200, Auditorium - Auditorium P. Lehmann (IJCLab)	11:30 - 11:50
	<b>Charmonium production in p-Pb collisions with ALICE at the LHC</b>	Theraa Tork
12:00	200, Auditorium - Auditorium P. Lehmann (IJCLab)	11:50 - 12:10
	<b>Optimization of High Finesse Fabry Perot Cavity For ThomX</b>	Manar AMER
	200, Auditorium - Auditorium P. Lehmann (IJCLab)	12:10 - 12:30
	<b>Lunch Break</b>	
13:00		

14:00	<b>Poster Session</b>	
15:00		
	200, Auditorium - Auditorium P. Lehmann (IJCLab)	14:00 - 15:30
	<b>Angular analysis of <math>\Lambda_b \rightarrow \Lambda(1520)\mu^+\mu^-</math> with the LHCb detector</b>	Felicia Carolin Volle
	200, Auditorium - Auditorium P. Lehmann (IJCLab)	15:30 - 15:50
	<b>Status of B semitautonic analysis with hadronic tau decays at LHCb</b>	Bo Fang
16:00	200, Auditorium - Auditorium P. Lehmann (IJCLab)	15:50 - 16:10
	<b>ATLAS Inner Tracker (ITk) upgrade for the HL-LHC</b>	Yahya KHWAIRA
	200, Auditorium - Auditorium P. Lehmann (IJCLab)	16:10 - 16:30
	<b>Off-shell Higgs into 4 leptons &amp; electron tracking in ATLAS</b>	Arnaud Jean Maury <a href="#">e</a>
	200, Auditorium - Auditorium P. Lehmann (IJCLab)	16:30 - 16:50
	<b>Measurement of the Higgs couplings using diphoton channel with ATLAS full Run 2 data.</b>	Oleksii Lukianchuk
17:00	200, Auditorium - Auditorium P. Lehmann (IJCLab)	16:50 - 17:10
	<b>Cérémonie des prix de l'ED</b>	
	200, Auditorium - Auditorium P. Lehmann (IJCLab)	17:10 - 17:40
18:00		
19:00	<b>Social dinner - Le Gramophone</b>	

# Outline of the day – Friday 20th

	<b>Welcome</b> 200, Auditorium - Auditorium P. Lehmann (IJCLab) 08:30 - 09:00
09:00	<b>Space and time correlations for diffusion models with prompt and delayed birth-and-death events</b> <i>Theophile Bonnet</i> <a href="#">🔗</a> 200, Auditorium - Auditorium P. Lehmann (IJCLab) 09:00 - 09:20
	<b>Exploring the physics of neutron star mergers with gravitational waves and gamma ray bursts</b> <i>Marion Pillas</i> <a href="#">🔗</a> 200, Auditorium - Auditorium P. Lehmann (IJCLab) 09:20 - 09:40
	<b>Toward the galaxy-halo connection for Emission Line Galaxies (ELG) studies within the DESI area</b> <i>Antoine Rocher</i> 200, Auditorium - Auditorium P. Lehmann (IJCLab) 09:40 - 10:00
10:00	<b>The Hubble tension : a CMB perspective</b> <i>Adrien LaPosta</i> 200, Auditorium - Auditorium P. Lehmann (IJCLab) 10:00 - 10:20
	<b>Coffe Break</b> 200, Auditorium - Auditorium P. Lehmann (IJCLab) 10:30 - 11:00
11:00	<b>Neutrinoless double beta decay</b> <i>Leonard Imbert</i> 200, Auditorium - Auditorium P. Lehmann (IJCLab) 11:00 - 11:20
	<b>Analyse Quantitative sans Référence par Fluorescence X sous Incidente Rasante (GIXRF). Application à la Caractérisati...</b> <i>Stephanie Melhem</i>
	<b>Decay spectroscopy of 225Pa : Toward the laser spectroscopy of neutron-deficient actinides</b> <i>Emmanuel Rey-herme</i> 200, Auditorium - Auditorium P. Lehmann (IJCLab) 11:40 - 12:00
12:00	<b>Beta decay nuclei spectroscopy of exotic nuclei around 132Sn</b> <i>min si</i> 200, Auditorium - Auditorium P. Lehmann (IJCLab) 12:00 - 12:20
13:00	<b>Lunch Break</b>

14:00	<b>Poster Session: Poster Session</b>
15:00	200, Auditorium - Auditorium P. Lehmann (IJCLab) 14:00 - 15:30
	<b>Developpement d'un imageur mobile multimodal pour la caracterisation radiologique d'environnements complexes</b> <i>Kamel Benmahi</i>
16:00	<b>Uncertainty analysis of absorbed dose calculation in targeted radiotherapy using a Bayesian approach.</b> <i>Mohammed Bensiali</i>
	<b>Combined effects of irradiation and gas injection on the microstructural evolution of aluminum nitride</b> <i>Gabriel Bouhali</i> 200, Auditorium - Auditorium P. Lehmann (IJCLab) 16:10 - 16:30
	<b>Preclinical modeling of exposures under interventional radiology conditions at low-energy: lesion kinetics, dosimetry a...</b> <i>Manon Guillou</i>
17:00	<b>Dispositif modulaire pour la cartographie automatisée et fiabilisée d'installations indoor</b> <i>Andrea Barros</i> 200, Auditorium - Auditorium P. Lehmann (IJCLab) 16:50 - 17:10
	<b>Closure and Goodbye</b> 200, Auditorium - Auditorium P. Lehmann (IJCLab) 17:30 - 18:00
18:00	