

WEDNESDAY 23 January (afternoon)

Registration (13:30 - 14:00 and 15:20 - 15:50)	<i>Amphi. Recherche</i>
Bienvenue/Welcome	13:45 - 14:00
General overview of flavour physics	14:00 - 14:30 Aoife BARUCHA
Approaches to solving the B-meson anomalies	14:30 - 15:00 Damir BECIREVIC
A two-loop top mass effects in Higgs pair production at NLO QCD	15:00 - 15:20 Julien BAGLIO
Coffee & Tea break	15:20 - 15:50
Extra dimensions: application to carbon nanotubes	15:50 - 16:10 Aldo DEANDREA
On the amplitudes for the CP-conserving $K_{\pm}(KS)$ rare decay modes	16:10 - 16:30 Marc KNECHT
New CPV sources and electric dipole moments	16:30 - 17:00 Christopher SMITH
Table Ronde	17:30 - 18:30
Welcome Reception	18:30 - 19:15

Rencontres de Physique des Particules 2019

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Programme (23 - 25 January)

THURSDAY 24 January (morning)

Effective field theory approaches to cLFV	09:00 - 09:30 Sacha DAVIDSON
Probing new physics in lepton flavour violating tau decay	09:30 - 09:50 Emilie PASSEMAR
Effective approach to lepton observables: the seesaw case	R. COY 09:50 - 10:05
Machine Learning	10:05 - 10:25 Emille ISHIDA
Coffee & Tea break	10:25 - 10:55
Recent developments in leptogenesis	10:55 - 11:25 Stéphane LAVIGNAC
Dark matter on small, subgalactic scales	11:25 - 11:55 Julien LAVALLE
Hunting light dark sectors at the high-intensity frontier	11:55 - 12:15 Luc DARME
Gravitational waves from spin 3/2 fields ...	Y. CHEN 12:15 - 12:30
Lunch break	12:30 - 14:00

THURSDAY 24 January (afternoon)

Supersymmetric SM extensions	14:00 - 14:30	Ulrich ELLWANGER
Sleptons without hadrons	14:30 - 14:50	Karl NORDSTRÖM
LHC limits on gluinos and squarks ...	H. A. REYES GONZÁLEZ	14:50 - 15:05
Probing SUSY in its most elusive guises	15:05 - 15:25	Ennio SALVIONI
Prospectives IN2P3	15:30 - 16:00	Patrice VERDIER
Coffee & Tea break	16:00 - 16:30	
Interpretation of LHC results for new physics	16:30 - 17:00	Sabine KRAML
Signatures from heavy neutral leptons at the LHC	17:00 - 17:20	Xabier MARCANO
Search for long-lived particles with heavy ion collisions at the LHC	17:20 - 17:40	Michele LUCENTE
Quantum mechanics as an Effective Theory	17:40 - 18:10	Gilbert MOULTAKA
The bearable compositeness of leptons	18:10 - 18:30	Michele FRIGERIO

Dinner	20:00 - 22:00	
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FRIDAY 25 January (morning)

Current dark matter searches	09:00 - 09:30	Francesca CALORE
Voyager probing dark matter	09:30 - 09:50	Mathieu BOUDAUD
Recent progress in Lattice QCD	09:50 - 10:20	Laurent LELLOUCH
Parton-pseudo distribution functions from Lattice QCD	10:20 - 10:40	Savvas ZAFEIROPOULOS
Coffee & Tea break	10:40 - 11:10	
Quarkonia: recent developments	11:10 - 11:40	Jean-Philippe LANSBERG
On the QCD phase diagram with light quarks ...	J. MAELGER	11:40 - 11:55
Computation of one-loop N-point functions	11:55 - 12:20	Jean-Philippe GUILLET
Revisiting RGEs for general gauge theories	K. SVIRINA	12:20 - 12:35
Scale invariant optimized perturbation at zero and finite temperature	12:35 - 12:55	Jean-Loïc KNEUR
Adjourn	12:55 - 13:00	