

GDR-InF annual workshop

lundi 28 septembre 2020

Young researchers talks: $B \rightarrow s \ell \ell$ (part I) (11:00 - 12:40)

-Présidents de session: Giulio Dujany; justine serrano

time	[id] title	presenter
11:00	[5] Search for rare B decays with tau leptons in the final state at LHCb and Belle II	DE MARINO, Gaetano CERASOLI, Jacopo WATANUKI, Shun WEBER, Steffen
11:30	[6] Prospects for NP searches with $L_b \rightarrow L(1520) \ell \ell$ decays	MARIN BENITO, Carla NOVOA BRUNET, Martin

mercredi 30 septembre 2020

Young researchers talks: $B \rightarrow s \ell \ell$ (part 2) (11:00 - 12:10)

-Présidents de session: Carla MARIN BENITO; Diego Guadagnoli

time	[id] title	presenter
11:00	[7] Constraints on $B \rightarrow s (d) \nu \bar{\nu}$ from $B \rightarrow s \ell \ell$ modes by using MFV and experimental prospects for $B \rightarrow K^* \nu \bar{\nu}$	MARTEL, Lucas NOVOA BRUNET, Martin
11:30	[8] $B^0 \rightarrow K^* \mu^+ \mu^-$: hadronic effects or new physics?	NESHATPOUR, Siavash

mardi 6 octobre 2020

Young researchers talks: $B \rightarrow c \ell \bar{\nu}$ (11:00 - 13:10)

-Présidents de session: Benjamin Audurier; Ana M. Teixeira

time	[id] title	presenter
11:00	[2] Exclusive doubly charmed B decays into excited charmed mesons.	RABADAN TREJO, Raul Iraq
11:20	[3] Anomalies in $b \rightarrow c \tau \nu$ transitions at LHCb	PK, Resmi
11:40	[4] $B \rightarrow D^{(*)} c \ell \bar{\nu}$ form factors, $B \rightarrow c \tau \nu$ anomalies and new physics	HUANG, Zhuoran
12:00	[16] Window to new physics through $L_b \rightarrow L_c \ell \nu$ decays	JAFFREDO, Florentin

jeudi 8 octobre 2020

Young researchers talks: Tracking (11:00 - 13:00)

-Présidents de session: **Stephane Monteil; Yasmine Amhis**

time	[id] title	presenter
11:00	[10] Tracking performance in the Belle II experiment.	POLAT, Güney FILLINGER, Tristan
11:30	[11] Tracking in LHCb, lessons learned	QUAGLIANI, Renato
12:00	[15] Lambda_c polarization measurement through Lc->pKpi decay in pp and fixed-target data at LHCb	NIEL, Elisabeth HENRY, Louis

lundi 12 octobre 2020

Young researchers talks: EDM / g-2 / Dark Matter (11:00 - 12:40)

-Présidents de session: Mark Goodsell; Stephanie Rocca

time	[id] title	presenter
11:00	[12] Constraining sterile or hidden copies of the Standard Model as dark matter candidates with passing-through-walls neutron experiments	STASSER, Coraline
11:20	[13] The n2EDM project: a new measurement of the neutron EDM at the PSI	SAENZ, William
11:40	[14] g-2 from QCD on the Lattice	PARATO, Letizia
12:00	[25] Lattice computation of nucleon sigma terms	VARNHORST, Lukas