



# Journées de Rencontre des Jeunes Chercheurs 2021

## jeudi 21 octobre 2021

### Theory (17:25 - 18:18)

time	[id] title	presenter
17:25	[83] Session overview	DARMÉ, Luc
17:55	[73] Perturbative renormalization of the semi-infinite massive $\phi_4^4$ theory	BORJI, Majdouline

**vendredi 22 octobre 2021****Theory (09:00 - 10:32)****-Présidents de session: Luc Darmé**

time	[id] title	presenter
09:00	[43] On the $B_s$ -meson decay anomalies	KRIEWALD, Jonathan
09:23	[64] New physics scenarios in the Non Minimal Flavour Violating MSSM	BOUSSEJRA, Amine
09:46	[24] Computation of relic densities within freeze-out mechanism	PALMIOTTO, Marco
10:09	[42] Solving $(g-2)$ with a new light gauge boson	PINSARD, Emanuelle

**Theory (11:02 - 12:34)****-Présidents de session: Luc Darmé**

time	[id] title	presenter
11:02	[3] Analytic and Numerical Bootstrap for One-Matrix Model and "Unsolvable" Two-Matrix Model	ZHENG, Zechuan
11:25	[51] Quantum dynamics beyond the independent particle picture	CZUBA, Thomas
11:48	[49] Microscopic interactions for the nuclear shell model	LI, Zhen
12:11	[87] Shapes of heavy and super-heavy atomic nuclei with Skyrme Energy Density Functionals	DA COSTA, Philippe