

INTENSITY

frontier

GDR-InF

<http://gdrintensityfrontier.in2p3.fr/>

Giulio Dujany, Diego Guadagnoli

Conveners meeting
16 May 2024



- Vitalii Lisovskyi for “Interplay of quark and lepton flavour” (replacing Klemens)
- Andy Morris for “Future experiments” (replacing Dorothea)
- MÉRIL Reboud for “Non-perturbative aspects” (replacing Antoine)

Thanks for accepting and welcome on-board!

2024 program so far

- Workshop on radiative leptonic B decays, Marseille, 28 February - 1 March (Aoife Bharucha, Vitalii Lisovskyi, Martino Borsato, Diego Guadagnoli) <https://indico.in2p3.fr/event/31709>
- Topical workshop on LFV decays of the tau, Orsay, 11-12 April (Olcyr Sumensari, Damir Becirevic, Asmaa Abada-Zeghal) <https://indico.ijclab.in2p3.fr/event/10264/>
- GDR-InF lectures on EDMs by Jordy de Vries and Skyler Degenkolb, IHP Paris, 11-12 June (Mark Goodsell, Guillaume Pignol, Stéphanie Roccia, Diego Guadagnoli, Giulio Dujany) <https://indico.in2p3.fr/event/32550>

2024 possible future activities

- Follow-up on future pixel-tracker projects, focus on mechanics (Benjamin, Andy)
- Non-perturbative aspects, maybe in synergy with the GDR-QCD (Elisabeth)
- V_{ud} and precision measurements in synergy with GDR RESANET (Pierre)
- Aspects of $B \rightarrow K \nu \bar{\nu}$ measurement and prediction in Strasbourg? (Giulio, Olcyr)
- Lectures on Form Factors (Méril, ...)

Annual meeting: tentative plan

- Cabourg 13-15 novembre
- 4 half-days
- First afternoon at GANIL + lab visit then bus to the venue
- Just after workshop on V_{ud} and precision measurements



- European Strategy of Particle physics rapidly approaching
- IN2P3 will provide contribution summarising general input of the particle physics community in France (experiments and labs free to contribute their own)
- GDR-InF will write the intensity frontier part like it did in 2018 (<http://gdrintensityfrontier.in2p3.fr/GDR-InF-ESPP.pdf>)
- We should converge by ~end of 2024
- Should have dedicated session at GDR-InF annual meeting