

INTENSITY

frontier

GDR-InF

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

Giulio Dujany, Diego Guadagnoli

Conseil de Groupement
19 December 2023



Conseil de groupement

Olivier Leroy (CPPM)

Jérôme Charles (CPT)

Marie-Hélène Schune (IJCLab-HEP)

Olcyr Sumensari (IJCLab-Theory) 

Replaces Sébastien
Descotes-Genon
(Thanks to both!)

Nazila Mahmoudi (IP2I)

Isabelle Ripp-Baudot (IPHC)

Stéphane Lavignac (IPhT, CEA)

Stéphane T'Jampens (LAPP)

Björn Herrmann (LAPTh)

Olivier Deschamps (LPC)

Francesco Polci (LPNHE)

Christopher Smith (LPSC)

Mark Goodsell (LPTHE)

**Thank you
for your help
and support!**

- Rare, radiative and semi-leptonic B decays; Charm and Kaon Physics
 - Christina Agapopoulou, Jacopo Cerasoli, Nazila Mahmoudi, Olcyr Sumensari
- Non-perturbative aspects
 - Aoife Bharucha, Antoine Gérardin, Elisabeth Niel
- Interplay of quark and lepton flavour
 - Klemens Lautenbach, Ana Teixeira
- Light new particles
 - Mark Goodsell, Christopher Smith
- Discrete symmetries
 - Pierre Delahaye, Vincent Tisserand
- Future experiments
 - Benjamin Audurier, Dorothea vom Bruch

Supported workshops

- International Workshop on the Origin of Matter-Antimatter Asymmetry, École de Physique des Houches, 12-17 February 2023
- School on lattice QCD and its phenomenological applications, Centre Paul Langevin, Aussois, 2-8 July 2023

Topical GDR-InF workshops

- Axions++: Axions and other light particles, Annecy, 25-28 September 2023
- Pixel detectors workshop, Marseille, 19-20 September 2023

GDR-InF lectures

- Pre-FPCP School, IP2I Lyon, 26-27 May 2023
- Lectures on common analysis techniques in flavour physics, Strasbourg 8-10 November 2023

Annual meeting

Mont Sainte-Odile near Strasbourg, 6-8 November, 42 participants

<https://indico.in2p3.fr/event/30336/>



Budget

21 K€ (2 K€ euros less than last year because of increase of energy costs) no impact on this year's activities as several activities were founded on last year's budget

Proposals for 2024



- Workshop on rare-radiative-leptonic decays, (Marseille, 28/2-1/3)
- Workshop on LFV in tau decays, (Orsay, April)
- Workshop on V_{ud} and precision measurements in synergy with GDR RESANET (GANIL, Spring)
- Workshop on $B \rightarrow K \nu \bar{\nu}$ measurement and prediction (Strasbourg)
- Workshop on Non-perturbative aspects in synergy with the GDR-QCD (September)
- Follow-up workshop on future pixel-tracker projects in synergy with GDR QCD and DI2I (September)
- GDR-InF lectures (possible topic EDMs, ...other suggestions?)
- **Other proposals welcome**

- Website: <http://gdrintensityfrontier.in2p3.fr/>
- Indico: <https://indico.in2p3.fr/category/731/>
- Mailing list: <https://listserv.in2p3.fr/cgi-bin/wa?A0=GDR-INTENSITYFRONTIER-L>
- Mattermost: <https://mattermost.web.cern.ch/gdr-inf/channels/town-square>

Please invite your new lab members to join!

Please update list of current active GDR-InF members (email to follow)