

GDR NBODY : PROBLÈME QUANTIQUE À N CORPS EN CHIMIE ET PHYSIQUE

Web site: wiki.lct.jussieu.fr/gdrnbody

- ▶ **GDR created by CNRS in January 2019 for 5 years**
- ▶ Follow-up and enlargement of the GDR CORREL (2011-2018)
- ▶ **Scientific animation around the N-body quantum problem**, centered on the quantum chemistry community but with strong links with the condensed-matter physics, nuclear physics, and mathematics communities.
- ▶ The **GDR members** are spread among:
 - ▶ 23 labs or teams of theoretical chemistry
 - ▶ 5 labs or teams of condensed-matter physics
 - ▶ 4 labs or teams of nuclear physics
 - ▶ 4 labs of teams of mathematics
- ▶ **Bureau of the GDR:** Ugo ANCARANI, Marc BAADEN (representative of INC), Michel CAFFAREL, Eric CANCÈS, Michele CASULA, Emmanuel FROMAGER, Thomas DUGUET, Emmanuel GINER, Pierre-François LOOS, Paola NAVA, Pina ROMANIELLO, André GOMES, Julien TOULOUSE (Director of GDR).

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- ▶ **GDR events** (already done or planned):
 - ▶ **General meetings:**
 - First general meeting in Lille, 8-10 January 2020.
 - Second general meeting in 2022 or 2023?
 - ▶ **International summer School in electronic structure Theory: electron correlation in Physics and Chemistry (ISTPC) in Aussois** (with the GDR REST):
 - 3rd edition of ISTPC school, 14-27 June 2020.
 - ▶ **Mini-school on mathematics for theoretical chemistry and physics:**
 - 3rd edition of the mini-school, 19-21 June 2019, Jussieu, Paris.
 - 4th edition of the mini-school in 2020?
 - ▶ **Interdisciplinary workshops with nuclear physics:**
 - one in 2020 or 2021?
 - ▶ **Workshops/schools on scientific computing:**
 - one in 2020 or 2021?
- ▶ **Common events with other networks?**
Other GDRs (REST, THEMES, UP, RESANET, MEETICC), fédération ThéMoSia, ...
- ▶ **Other ideas?** Contact the bureau of the GDR!
- ▶ **Subscribe to the mailing list** gdrnbody@lct.jussieu.fr (see web site)
- ▶ **Budget: 7000 euro/year** \implies no subventions to events not organized by the GDR