

Thems-occitanie II: Annual meeting of GDR THEMS

Type National Conference
 Language French
 Location Université Paul Sabatier Toulouse III
 Amphi Concorde
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NanoX Lab(s) involved CEMES LCPQ LPCNO
 LCAR LNCMI LPT

Dates 09/11/2021 to 10/11/2021

Website to be announced

Event scope and topics

The CNRS GDR 3575 entitled THEMS "Quantum dynamics in systems molecular: theory, modeling, simulation" will organize its annual meeting in Toulouse on November 9 and 10, 2021. Theoretical methods of atomic and molecular physics and physicochemistry are used in a wide variety of contexts which involve the knowledge of the structure and dynamics of quantum systems. Historically organized around three topics (isolated systems in gas phase, submitted to external electromagnetic fields, or influenced by their environment), the GDR is opening toward the topics of artificial intelligence and quantum computing. In these two days, progress reports of the work of the members of the GDR concerning the three historical axes of the GDR will be made and emphasize will be given to the topic of quantum computing in order to identify the possible benefits of this research field for the investigation of quantum systems dynamics.