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## Institut Néel, CNRS-UGA

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Institut NEEL is a laboratory for fundamental research in condensed matter physics, enriched by interdisciplinary activities at the interfaces with chemistry, engineering and biology.

We explore a vast field of science: superconductivity, quantum fluids, new materials, crystallography, surface science, quantum nanoelectronics, nanomechanics, nonlinear and quantum optics, spintronics, magnetism...

The Institut Néel has exceptional expertise in advanced technology, closely integrated with its research projects. The Institute's engineers and technicians, assigned to specialist technical groups but working in close proximity with the research teams, make a direct contribution to scientific progress.

In close cooperation with universities, the Institut NEEL is involved in teaching and training at the three levels of tertiary education: the Bachelor's, Master's and Doctoral diplomas. Training of about one hundred PhD students is a vital element in the success of the Institute's research activities. In addition, the Institute actively cooperates in the organisation of many International Science Schools.

Our activity is organized into three strongly interacting scientific Departments, and comprising seventeen research teams and eighteen technological groups or common services.

The Institute is actively involved in the dissemination and exploitation of its research results, via multiple partnerships with industry. By its implantation in Grenoble, a unique international research site, it benefits from the strong local links with the CEA and the large European neutron and X-Ray facilities: ILL and ESRF.

**Presenter:** Dr MOSSANG, Eric (Ingénieur de Recherche chez Institut Néel CNRS)

**Session Classification:** Conference and welcome session