

Seminar : Dr. Alain Polian

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Friday 27th of June 2025 – 14h00

Meeting room – Chemistry Department, ICPM, 1 Bd Arago, Technopôle, Metz

Raman scattering at high pressure: two examples

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Two representative examples will be presented. The first one is the case of silicone carbide, SiC. This compound presents an incredibly rich polytypism, which has been utilized to determine their dispersion curves without inelastic neutron nor inelastic x-rays, just by Raman scattering. The high pressure properties will be presented up to 100 GPa. The second one is dealing with ammonium fluoride, NH₄F where the similarity with water ice is studied up to 150 GPa

Séminaire réalisé dans le cadre du mini-workshop « high-pressure X-ray diffraction / high-pressure Raman scattering » (Nancy-Metz, 26-27 juin 2025) co-organisé par le CRM2 et le LCP-A2MC avec le soutien du programme interdisciplinaire MAT-PULSE.

