



JOURNEE SCIENTIFIQUE LSI – 13 octobre 2022

Amphi Cauchy Ecole polytechnique

9h15 – ACCUEIL

9h30 Introduction

9h35 Vassily Temnov : “Resonantly enhanced phonon-magnon interactions in nanoscaled ferromagnets”

10h Andrea Cosola : “4D printing of active multifunctional hybrid structures”

10h25 Florian Aubrit : “Design and synthesis of nanocomposite membranes”

10h50 – PAUSE

11h15 Michèle Raynaud : “EMIR&A”

11h40 Antonino Alessi : “last two years of EPR at LSI”

12h05 Romain Grasset : “DYNTOP: Spin Dynamics and non-linear effects in Magnetic Topological Insulator”

12h30 – PAUSE DEJEUNER

14h00 Laura Urquiza : “Excitonic Effects and Resonant Inelastic X-Ray Scattering in $\alpha\text{-Al}_2\text{O}_3$ ”

14h25 Meirielen Caetano de Sousa : “Electron acceleration by surface plasma waves”

14h50 Yannis Laplace : “Tunable THz surface plasmon cavities in the deep plasmonic regime”

15h15 Jelena Sjakste: “Ultrafast transient absorption spectroscopy and carrier relaxation dynamics : time propagation of carrier populations”

15h40 Cloture