



Welcome to MDANSE 2018 !

(Molecular Dynamics and Lattice Dynamics to Analyse Neutron Scattering Experiments)

Materials and Neutron Scattering Instrument Modelling

September 24th-28th 2018 - Puerto de la Cruz, Tenerife, Spain



Organizers

-
- E. Farhi (ILL)
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 - T. Rod (ESS/DMSC)
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Made possible with



- **Your generous registration !**
- **SINE2020** (Grant 654000-SINE2020- H2020-INFRADEV-2014-2015/H2020-INFRADEV-1-2014-1)
- **ISIS**
- **ILL**
- **DTU**
- **ESS**



MDANSE 2018

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	<u>Monday 24th</u>	<u>Tuesday 25th</u>	<u>Wednesday 26th</u>	<u>Thursday 27th</u>	<u>Friday 28th</u>
08:45-9:00	Welcome				
9:00-9:45	Molecular Dynamics Miguel MD	Practicals: Sylvain Spin waves	Practicals: Peter McStas/ToF	McStas - samples Erik	Simulation pipe-lines Emmanuel
9:45-10:30	Sanghamitra		Practicals: Miguel McStas/QENS	Advanced samples Erik	Tools for automation Peter
10:30-10:45	coffee break	coffee break	coffee break	coffee break	coffee break
10:45-11:30	SpinWaves for dummies Sylvain	Practicals: Thomas ASE	Practicals: Sanghamitra McStas Instr:	Practicals: Erik McStas/Structure	Practicals: Emmanuel
11:30-12:15	Gaussian approximation Emmanuel	Oriented towards dynamics	Molecular Spectroscopy		VE: Lattice dynamics – TAS/ToF
12:00-14:00	lunch	lunch	lunch	lunch	lunch
14:00-14:45	Practicals: Miguel MD: liquids and powders	Introduction to McStas Peter	Excursion to Teide	Practicals: Emmanuel	Practicals: Sanghamitra VE: Molecular Spec.
14:45-15:30		McStas Instr. classes Erik		McStas: Liquids, powders dynamics	- ToF/TOSCA/Lagrange
15:30-15:45	coffee break	coffee break		coffee break	coffee break
15:45-16:30	Practicals: Sanghamitra Lattice dynamics	Practicals: Erik McStas Diffract. Laue		Practicals: Peter McStas: SX dynamics	Practicals: Emmanuel VE: Gaussian approx - ToF
16:30-17:15	phonons in crystals	Practicals: Peter McStas/TAS			
	Sunday 23 rd	Registration at the Hotel		Saturday 29 th	Bye Bye
~ 20:00	lunch	lunch	lunch	lunch	lunch