



TECHNISCHE
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concept



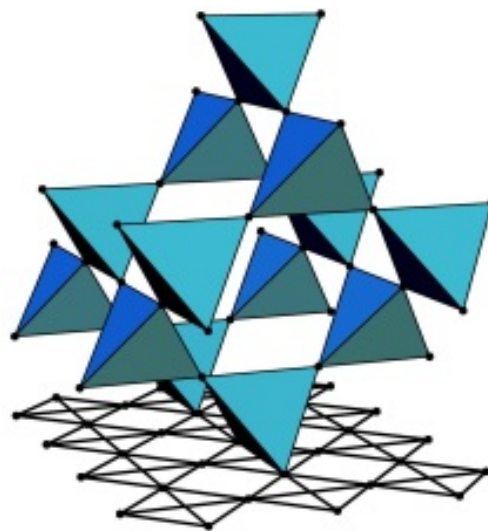
Winter School

SFB 1143

Correlated Magnetism: From Frustration to Topology

IFW Dresden

Nov 08 – 09, 2021



Venue: IFW Dresden
Helmholtzstrasse 20
01069 Dresden

WLAN: SFB1143
No password needed.

Lecture room:
Seminar Room D2E.27

Coffee breaks are in front of the seminar room.

Lunch will be provided in the restaurant of the IFW. Please use the given meal tickets.

Dinner will also be provided in the restaurant of the IFW.

Monday

Mon Nov 08

08:15 – 08:55		Check-in
09:00 – 09:10	C. Hicks, C. Timm, S. Wurmehl	Winter School opening
09:10 – 09:15	M. Vojta	Award Ceremony “Best Doctoral Thesis 2021”
09:15 – 10:30	R. Moessner	Degeneracy, topology, and emergent symmetry in frustrated magnets
10:30 – 10:45		Coffee break
10:45 – 12:00	Pietro Carretta (virtual)	A local glance on spin systems: the NMR and muSR point of view
12:00 – 13:30		Lunch
13:30 – 14:45	P. Puphal (virtual)	Broad introduction into crystal growth of quantum spin systems
14:45 – 15:00		Coffee break
15:00 – 16:15	M. Scherer	From 2D moiré materials to frustrated superlattice Hubbard models
16:20 – 16:45		Walk to Georg-Schumann-Bau and check-in
16:45 – 17:45		Guided tour through Georg-Schumann-Bau (former court and jail)
18:15 – 20:00		Dinner
20:00 - ...		Get-together

Tuesday

Tue Nov 09

09:15 – 10:30	O. Stockert	Neutron Scattering: A Unique Microscopic Probe to Study Magnetism
10:30 – 11:00		Coffee break
11:00 – 12:15	A. Gibbs (virtual)	Challenges and strategies in the synthesis of quantum materials
12:15 – 13:30		Lunch
13:30 – 14:45	L. Classen (virtual)	From frustrated superlattice Hubbard models to topological superconductivity
14:45 – 15:15		Coffee break
15:15 – 16:30	C. Hicks (virtual)	Uniaxial stress measurements
16:30		End of Winter School