

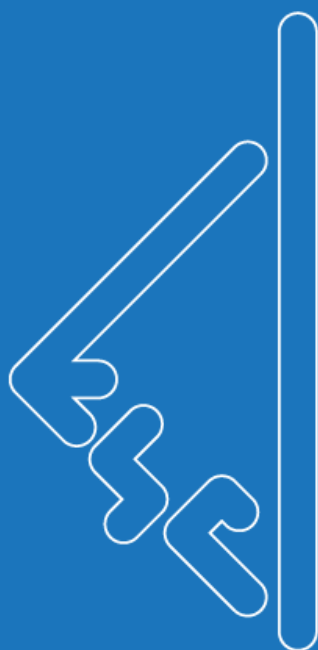
2019

06 Août

16 Août



**INSTITUT
D'ÉTUDES
SCIENTIFIQUES
DE CARGÈSE**



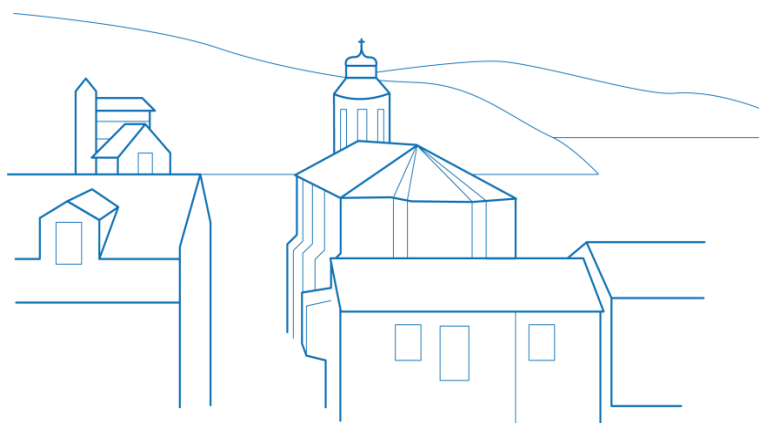
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EPICQUR 2019 EMERGENT PHENOMENA IN CORRELATED QUANTUM MATTER

**Fabrice BERT
Mark Oliver GOERBIG
Rajiv SING**



Emergent Phenomena in Correlated Quantum Matter - Summer School

Tuesday 6th 8:45 : Welcome introduction

	Monday 5th	Tuesday 6th	Wednesday 7th	Thursday 8th	Friday 9th	Saturday 10th	Sunday 11th
9:00 -10:30		P. Coleman I	P. Coleman II	G. Sordi I	P. Coleman III	P. Coleman IV	free / bus trip excursion
11:00 - 12:30		JN Fuchs I	JN Fuchs II	JN Fuchs III	JN Fuchs IV	G. Sordi II	
16:00 - 17:30	arrival	D. Efetov I	Poster I	A. Nedidomsky II	P. Chandra I	free	
18:00 - 19:00		A. Nevidomsky I		D. Efetov II	H. Alloul		
		Aperitif		Diner BBQ			

	Monday 12th	Tuesday 13th	Wednesday 14th	Thursday 15th	Friday 16th	Saturday 17th
9:00 -10:30	G. Sordi III	L. Savary I	L. Savary II	L. Savary III	L. Savary IV	departure
11:00 - 12:30	L. Balents I	G. Sordi IV	L. Balents II	L. Balents III	L. Balents IV	
16:00 - 17:30	Poster II	A. Coldea I	C. Broholm I	excursion /boat trip Piana	C. Broholm II	
18:00 - 19:00		P. Chandra II	A. Coldea II		R. Coldea	
		Conf. Graphene				

Piers Coleman : superconductivity

Leon Balents : Moiré materials

Jean-Noël Fuchs : Geometrical band theory and topological insulators

Lucile Savary : quantum spin liquids

Giovanni Sordi : The two-dimensional fermionic Hubbard model and its phases

Andriy Nevidomskyy : Emergent physics in 1+1D and 2+1D spin systems studied by DMRG / topological superconductivity

Dmitri Efetov : Moiré materials experiments

Amalia Coldea : I Competing electronic orders in iron-based superconductors

II Experiments to probe the electronic behaviour of unconventional superconductors

Premi Chandra : Frustration and Criticality in Heisenberg Antiferromagnets I and II

Henri Alloul : Na Cobaltates from materials to correlations and topology

Radu Coldea : Kitaev materials experiments

Collin Broholm :