

Informal IRN theory session

Link for Day 1 : 7 juin 2021 08:30 AM (Paris) **15.30 (Japan)**

<https://us02web.zoom.us/j/83900461153?pwd=ZmhLSEZmdDdpbHYxeDIOSDRXUVEvdz09>

ID de réunion : 839 0046 1153

Code secret : 028038

Link for Day 2 : 8 juin 2021 08:30 AM Paris **15.30 (Japan)**

<https://us02web.zoom.us/j/88924598217?pwd=TG5xY3BtcGs5TGlyUTFvWTdJOUJnZz09>

ID de réunion : 889 2459 8217

Code secret : 296488

Programme DAY 1 (June 7 2021)

chair : Akihisa Koga

All talks include a period of 5 min for questions

Paris Tokyo	title	speaker
8.30 15.30	Topological effects in the interacting Fibonacci chain	G. Rai (USC)
8.50 15.50	Intrinsic superconductivity in the 1D Fibonacci QC	C. Matsumura (USC)
9.10 16.10	Quasiperiodic superconductors	N. Takemori (Okayama Univ, Okayama)
9.50 16.50	Plasmon modes and EELS spectra of 1D and 2D systems	H. Schlömer (RWTH Aachen)
10.10 17.10	RKKY Magnetism in Tsai-type Approximants	T. Sugimoto (TUS, Tokyo)
10.50 17.50	Round Table	S. Sakai and A. Jagannathan (chair)
11.30 18.30	End of session	

Programme Day 2 (June 8 2021)

chair : Nayuta Takemori

All talks include a period of 5 min for questions

Paris Tokyo	title	speaker
8.30 15.30	Magnetic structure of an aperiodic 6-fold tiling	S. Coates (TUS, Tokyo)
8.50 15.50	Itinerant Magnetism in 2D quasi-approximants - An atomistic random-phase approximation (RPA) approach	A. Fischer (RWTH Aachen)
9.10 16.10	Magnetism on two-dimensional quasiperiodic tilings	A. Koga (Tokyo Tech, Tokyo)
9.50 16.50	Aperiodic π -flux and Haldane Model	R. Ghadimi (TUS, Tokyo)
10.10 17.10	Effect of electron-electron interactions in quasicrystalline metals	S. Sakai (RIKEN, Saitama)
10.50 17.50	Round Table	N. Fujita and T. Sugimoto (chair)
11.30 18.30	End of session	