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# Strongly Correlated Matter: from Quantum Criticality to Flat Bands | (smr 3732)

## Friday 02 September 2022

**Morning session - Kastler Lecture Hall (AGH) (09:00-14:10)**

**Chair: Srinivas RAGHU (Stanford University)**

time	title	presenter
09:00	The Elastic Effects of a Lifshitz Transition Studied in $\text{Sr}_2\text{RuO}_4$	ANDREW MACKENZIE
09:45	Superconductivity in Dilute Quantum Critical Polar Metals	PREMALA CHANDRA
10:30	Coffee break	
11:00	Dissipation-driven Strange Metal Behavior in High- $T_c$ Superconducting Cuprates	MARCO GRILLI
11:20	Theory of Superconductivity Due to Ngai's Mechanism in Lightly Doped $\text{SrTiO}_3$	DMITRY KISELIOV
11:40	Q&A	
12:00	Lunch break	
14:00	Closing remarks	