

Seminar on renormalisation group theory and critical phenomena

Prof. Herbert Wagner, Prof. Erwin Frey

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Date	Speaker	Topic	Tutor
28 Apr	Christoph Weber	Surface melting	Herbert Wagner
05 May	Fabian Drube	Ising model I: Peierl's argument, continuum model	Herbert Wagner
12 May	Alois Dirneichner	Ising model IIa: exact solution	Herbert Wagner
19 May	Alenis Zaganidis	Ising model IIb: exact solution	Herbert Wagner
26 May	Sören Petrat	Spontaneous symmetry breaking, Goldstone modes	Ben Klünder
02 Jun	Martin Schäffer	Topological defects, Kosterlitz-Thouless theory	Herbert Wagner
09 Jun	Alej Zielinski	Real-space renormalisation I: decimation, blocking	Anton Winkler
16 Jun	Sebastian Seehars	Real-space renormalisation II: bond shifting	Anton Winkler
23 Jun	André Betz	Functional renormalisation I: exact renormalisation flow	Felix Höfling
30 Jun	Korbinian Paul	Functional renormalisation II: logistic map, wetting	Felix Höfling
07 Jul	Daniel Schlesinger	Functional renormalisation III: Kosterlitz-Thouless, local potential	Herbert Wagner
14 Jul	Kien Nguyen	Higgs phenomenon	Steffen Rulands