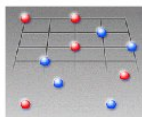


International School on Phase Transitions Bavaria, March 21-24, 2016



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Condensed matter systems with variable
many-body interactions



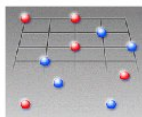
Monday, March 21

Until 14:30	Arrival at venue
14:30-15:15	<i>Welcome Coffee and Registration</i>
15:15-15:30	Opening
15:30-16:45	Jean Zinn-Justin (Paris): <i>From Infinities in QED to the General Renormalization Group</i>
16:45-17:00	Discussion
17:00-18:15	Fabrice Gerbier (Paris): <i>Ultracold Quantum Gases in Optical Lattices – Part I</i>
18:15-18:30	Discussion
18:30-20:00	<i>Dinner</i>
20:00	Poster Session I and Socializing

Tuesday, March 22

07:30-08:30	<i>Breakfast</i>
08:30-09:45	Jean Zinn-Justin (Paris): <i>Phase Transitions and Renormalization Group: From Theory to Numbers</i>
09:45-10:00	Discussion
10:00-10:30	<i>Coffee Break</i>
10:30-11:45	Fabrice Gerbier (Paris): <i>Ultracold Quantum Gases in Optical Lattices – Part II</i>
11:45-12:00	Discussion
12:00-13:30	<i>Lunch</i>

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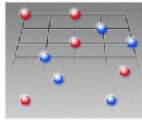


13:30-14:45	Markus Garst (Cologne): <i>Introduction to Quantum Phase Transitions – Part I</i>
14:45-15:00	Discussion
15:00-15:30	<i>Coffee Break</i>
15:30-16:45	Alexander Altland (Cologne): <i>Topological Phases of Condensed Matter Physics: Three Case Studies – Part I</i>
16:45-17:00	Discussion
17:00-18:15	Tobias Donner (Zurich): <i>Critical Behavior of a Bose Gas</i>
18:15-18:30	Discussion
18:30-20:00	<i>Dinner</i>
20:00	Poster Session II and Socializing

Wednesday, March 23

07:30-08:30	<i>Breakfast</i>
08:30-09:45	Alexander Altland (Cologne): <i>Topological Phases of Condensed Matter Physics: Three Case Studies – Part II</i>
09:45-10:00	Discussion
10:00-10:30	<i>Coffee Break</i>
10:30-11:45	Tobias Donner (Zurich): <i>Quantum Phase Transition in a Long-Range Interacting System</i>
11:45-12:00	Discussion
12:00-12:30	<i>Lunch package</i>
12:30-21:00	Excursion and Dinner

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Thursday, March 24

07:30-08:30	<i>Breakfast</i>
08:30-09:45	Ulrich Schneider (Cambridge): <i>Creating and Probing Topological Band Structures with Ultracold Atoms – Part I</i>
09:45-10:00	Discussion
10:00-10:30	<i>Coffee Break</i>
10:30-11:45	Markus Garst (Cologne): <i>Introduction to Quantum Phase Transitions – Part II</i>
11:45-12:00	Discussion
12:00-13:30	<i>Lunch</i>
13:30-14:45	Ulrich Schneider (Cambridge): <i>Creating and Probing Topological Band Structures with Ultracold Atoms – Part II</i>
14:45-15:00	Discussion
15:00-15:30	<i>Coffee Break</i>
15:30	Departure from venue