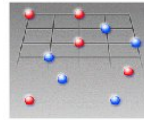


International School on Magnetism in Real and Synthetic Materials Tutzing, March 27-30, 2017



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Condensed matter systems with variable
many-body interactions

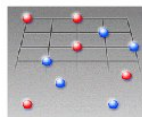
Monday, March 27

- Until 14:00 Arrival at venue
- 14:00-15:00 *Coffee and Registration*
- 15:00-15.15 Judith Stumptner (Evangelische Akademie Tutzing):
Welcome
- 15:15-15:30 Sebastian Eggert (Kaiserslautern):
Opening
- 15:30-16:45 Sergej Demokritov (Münster):
*Bose-Einstein Condensation of Magnons at Room Temperature –
Creation, Spatio-Temporal Properties and Possible Superfluidity*
- 16:45-17:00 Discussion
- 17:00-18:15 Christof Wunderlich (Siegen):
*Spin-Phonon and Spin-Spin Interactions with
Trapped Atomic Ions – Part I*
- 18:15-18:30 Discussion
- 18:30-20:00 *Dinner*
- 20:00 Poster Session I and Socializing

Tuesday, March 28

- 07:30-08:30 *Breakfast*
- 08:30-09:45 Christof Wunderlich (Siegen):
*Spin-Phonon and Spin-Spin Interactions with
Trapped Atomic Ions – Part II*
- 09:45-10:00 Discussion
- 10:00-10:30 *Coffee Break*

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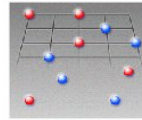
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10:30-11:45	Rembert Duine (Utrecht): <i>Spintronics and Magnon Bose-Einstein Condensation – Part I</i>
11:45-12:00	Discussion
12:00-12:30	Stefan Söllow (Braunschweig): <i>Frustrated Quantum Magnets: Real Materials Versus Magnetic Models – Part I</i>
12:30-14:00	<i>Lunch</i>
14:00-14:45	Stefan Söllow (Braunschweig): <i>Frustrated Quantum Magnets: Real Materials Versus Magnetic Models – Part I</i>
14:45-15:00	Discussion
15:00-15:30	<i>Coffee Break</i>
15:30-16:45	Selim Jochim (Heidelberg): <i>The BEC-BCS Crossover: Tuning Strong Correlations in a Dilute Gase – Part I</i>
16:45-17:00	Discussion
17:00-18:15	Carlos Sa de Melo (Atlanta): <i>Quantum Phase Transitions and the BCS-BEC Evolution with Population Imbalance – Part I</i>
18:15-18:30	Discussion
18:30-20:00	<i>Dinner</i>
20:00	Poster Session II and Socializing

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Wednesday, March 29

07:30-08:30	<i>Breakfast</i>
08:30-09:45	Rembert Duine (Utrecht): <i>Spintronics and Magnon Bose-Einstein Condensation – Part II</i>
09:45-10:00	Discussion
10:00-10:30	<i>Coffee and Lunch Package</i>
10:30-18:30	Excursion to Neuschwanstein Castle
18:30-20:00	<i>Dinner</i>
20:00-21:15	Stefan Söllow (Braunschweig): <i>Frustrated Quantum Magnets: Real Materials Versus Magnetic Models – Part II</i>
21:15-21:30	Discussion

Thursday, March 30

07:30-08:30	<i>Breakfast</i>
08:30-09:45	Selim Jochim (Heidelberg): <i>The BEC-BCS Crossover: Tuning Strong Correlations in a Dilute Gas – Part II</i>
09:45-10:00	Discussion
10:00-10:30	<i>Coffee Break</i>
10:30-11:45	Carlos Sa de Melo (Atlanta): <i>Quantum Phase Transitions and the BCS-BEC Evolution with Population Imbalance – Part II</i>
11:45-12:00	Discussion
12:00-13:30	<i>Lunch</i>
13:30	Departure from venue