

## Teaching

### Advanced courses and seminars

- 2015 Seminar: [Advances in Solid State Physics](#)  
(with R. Gross, H. Hübl, F. Deppe, A. Erb, M. Opel, A. Marx, S. Gepraegs, M. Weiler, M. Kartsovnik, M. Althammer)
- 2015 [Walther Meissner Seminar: "Current Topics in Low Temperature Solid-State Physics"](#)  
(with R. Gross, D. Einzel, H. Hübl, S.T.B. Goennenwein, M. Opel, A. Marx)
- 2014/15 [Walther Meissner Seminar: "Current Topics in Low Temperature Solid-State Physics"](#)  
(with R. Gross, D. Einzel, H. Hübl, S.T.B. Goennenwein, M. Opel, A. Marx)  
Seminar: "Advances in solid State Physics"  
(with F. Deppe, R. Gross, H. Hübl, S.T.B. Goennenwein, M. Opel, A. Marx)
- 2014 Lecture: Supraleitung und Tieftemperaturphysik II (Superconductivity and Low-Temperature Physics II with R. Gross)  
Problems and Solutions in Low Temperature Physics (with R. Gross)  
Seminar: Many-body effects and scattering methods (with C. Pfleiderer)  
[Walther Meissner Seminar: "Current Topics in Low Temperature Solid-State Physics"](#)  
(with R. Gross, D. Einzel, H. Hübl, S.T.B. Goennenwein, M. Opel, A. Marx)
- 2013/14 Lecture: Supraleitung und Tieftemperaturphysik I (Superconductivity and Low-Temperature Physics I with R. Gross)  
Problems and Solutions in Superconductivity (with D. Einzel)
- 2012/13 Seminar: Advances in Solid State Physics (with S.T.B. Goennenwein, R. Gross, H. Huebl, A. Marx, M. Opel)
- 2012 Seminar: Many-body effects and scattering methods (with C. Pfleiderer and W. Zwerger)
- 2011 Problems and Solutions in Solid State Physics (with R. Gross and D. Einzel)
- 2010/11 Lecture: Supraleitung und Tieftemperaturphysik I (Superconductivity and Low-Temperature Physics I with R. Gross)  
Problems and Solutions in Superconductivity (with D. Einzel)  
Problems and Solutions in Solid State Physics (with R. Gross and D. Einzel)
- 2010 Seminar: Many-body effects and scattering methods (with C. Pfleiderer and W. Zwerger)
- 2009/10 Lecture: Supraleitung und Tieftemperaturphysik I (Superconductivity and Low-Temperature Physics I with R. Gross)  
Problems and Solutions in Superconductivity (with D. Einzel and R. Gross)  
Seminar: Experimental methods and electronic correlations (with C. Hugenschmidt and C. Pfleiderer)  
Seminar: Advances in Solid State Physics (with A. Erb, S.T.B. Goennenwein, R. Gross, H. Huebl, A. Marx, M. Opel)
- 2009 Seminar for undergraduate students: Makroskopische Quantenphänomene (Macroscopic Quantum Phenomena with S. Dunsiger, S.T.B. Goennenwein, R. Gross, A. Marx, M. Opel, C. Pfleiderer)  
Seminar: Many-body effects and scattering methods (with C. Pfleiderer and W. Zwerger)
- 2008/9 Lecture: Superconductivity and Low-Temperature Physics I (with E. Schuberth)  
Problems and Solutions in Superconductivity (with D. Einzel)

- Seminar: Basic phenomena of metals and superconductors (with S. Dunsiger and C. Pfleiderer)
- 2008 Seminar for undergraduate students: Macroscopic Quantum Phenomena (with S. Dunsiger, S.T.B. Goennenwein, R. Gross, A. Marx, M. Opel, C. Pfleiderer)
- 2007/8 Lecture: Superconductivity and Low-Temperature Physics I with R. Gross  
Problems and Solutions in Superconductivity (with D. Einzel)
- 2006/7 Lecture: Superconductivity and Low-Temperature Physics I  
Problems and Solutions in Superconductivity (with D. Einzel)
- 2006 Seminar: Superfluids and Superconductivity (with Chr. Pfleiderer, and W. Zwerger)
- 2005/6 Lecture "Introduction to Superconductivity"
- 2005/6 Seminar on "Advances in Solid State Physics" (with D. Einzel, R. Gross, E. Schubert)
- 2004/5 Lecture "Introduction to Superconductivity" (with Dietrich Einzel)
- 2004/5 Seminar on macroscopic quantum systems (with D. Einzel, R. Gross, E. Schuberth)
- 2003/4 Seminar on mesoscopic systems and nanotechnology (with D. Einzel, R. Gross, A. Marx)
- 2003 Seminar: Superconductivity (with Frank Wilhelm and Jan von Delft)