

Schedule: seminar on high-Tc superconductivity WiSe2019/20

- participation at all talks mandatory to obtain a certificate (Schein)
- 30 minutes per talk (blackboard or slides), practice your talk to make sure you finish in time!
- 15 minutes discussion after each talk (on topic and presentation style)
- each participant has to ask at least one question per talk
- reading material will be emailed to you by your advisor (or see references in table below)
- make sure to set up a first meeting with your advisor no later than three weeks before your talk
- try to read the material before the first meeting with your advisor
- give at least one practice talk, preferably with your advisor, before your actual talk

Date	Name	Advisor	Topic	Ref.
9.12.	Anxiang Ge	JvD	tJ-model	Ogata, Fukuyama, Rep. Prog. Phys. 71, 036501 (2008)
9.12.	Marc Ritter	MP	D-wave superconductivity	D. Scalapino, Physics Reports 250, 329 – 365 (1995)
16.12.	Lexin Ding	MP	RVB	P.W. Anderson, Science 235, 1196 (1987)
16.12.	Lukas Homeier	MP	single hole problem	Kane, Lee, Read, Phys. Rev. B 39, 6880 (1989)
20.1.	Frederik Pfeiffer	JvD	Hubbard model: numerics	Gull, Parcollet, Millis, Phys. Rev. Lett. 110, 216405 (2013)
20.1.	Duros Octave	MP	CDW, quantum oscillations	Harrison, Sebastian, Phys. Rev. Lett. 106, 226402 (2011)
27.1.	Daniel Adler	JvD	twisted bilayer graphene	Y. Cao et al., Nature 556, 43 (2018)
27.1.	Changkai Zhang	JvD	heavy fermion supercond.	F. Steglich, S. Wirth, Rep. Prog. Phys. 79, 084502 (2016)
3.2.	JingJing Chen	MP	vortex core states	Hoffman et al, Science 295, 466 (2002)