

1 Lectures/Talks

Speaker	Lecture topic	Note
Eugen Wolf	Strongly Correlated Electrons: the t-J Model	TUD/ITP
Stefan Richter	Pulsed laser deposition and thin films (introduction talk for PLD practice)	IFW /IMM
Philipp Materne	(prop.) Mössbauerspektroskopie	TUD/IFP

Remarks on lectures/talks

- We schedule a maximum of 90 minutes for presentation and 30 minutes for discussion for each talk, so you can get all the time you may need. Surely it is not demanded to take the full time. Shorter talks are no problem. If you want to get more time please contact us.
- Please note that the main goal of the talks is to give an introduction into your research field for people which may not be familiar with it, so please consider a broader motivation/introduction part and don't hesitate to explain procedures and methods step-by-step.
- Partly summaries and short revisions already during the presentation will help the audience to keep the track.

2 Practice

Tutor	Practice topic	note
Stefan Richter	Pulsed Laser Deposition Starting Thursday 8th at 10.00 o'clock Meeting at IFW Entrance Hall	IFW / Inst. Metallic Mat. / Supercond. Mat.

3 Trip to HZDR

Thanks to Kathrin, Sebastian and Rico for making this trip possible.

The Trip will be at 7th of October. We start at **9.15 o'clock** at bus stop 5 at the main station and take the bus no. 261 in the "Sebnitz" direction. It usually runs hourly from Monday to Friday. At approximately 10.00 o'clock we will arrive bus stop "Rossendorf Forschungszentrum" which is directly at the main entrance of the HZDR. It takes about 40 minutes from Dresden main station to the HZDR.

At **10.00 o'clock** Kathrin we pick us up at the main gate. At first we will have a talk by Sebastian about the laboratory and high magnetic field generation. Shortly after we hear a talk by Kathrin about the de Haas-van Alphen effect.

After the talks we will go for lunch.

In the **afternoon** we will have a tour guided by Rico through the labs and workshops and maybe we are also lucky to see some high field experiments live.

At approximately 15.15 o'clock we will take the bus back to Dresden main station.

4 Schedule

	Monday, 5.10.2015 Room: PHY-C213	Tuesday, 6.10.2015 Room: PHY-C213	Wednesday, 7.10.2015 HZDR	Thursday, 8.10.2015 IFW	Friday, 9.10.2015 Room: PHY-D16
9 am					
10 am	10.15 – 11.45 o'clock E. Wolf: Strongly correlated electrons: the t-J model	10.15 – 11.45 o'clock P. Materne: Mössbauer spectroscopy	9.00 – 16.00 o'clock Trip to HZDR Start at 9.15 o'clock at main station bus stop 5 with bus 261 to bus stop "Forschungszentrum Rossendorf". Please have a look in the trip planning for further details.	10.00 – 11.00 o'clock Talk S. Richter: PLD	10.15 – 11.45 o'clock GRK-Intern: Discussion, Speaker Election
11 am				11.15 – 13.00 o'clock Practice Part S. Richter: Pulsed Laser Deposition	
12 pm					
1 pm					
2 pm					
3 pm					
4 pm					
5 pm					
6 pm			at 19.00 o'clock Get-Together at Campus	at 18.00 o'clock 1. Junior Scientist Party at Tusculum	

5 Suggestions for the tutorial week 2016

5.1 Lectures/Talks

speaker	lecture topic	note
Felix Brückner	lokale Sonden	TUD/IFP
Chris Koschenz	5-Orbital Hubbard Model and Mean-Field-Approximation	TUD/ITP
Thomas Stöter	Introduction to Magnetostriction	TUD/IFP,HZDR

5.2 Practices

Tutor	Practice topic	note
Felix Brückner	NMR	TU DD /FKP