

F O R 1 7 0 0


**PhD and Postdoc Meeting
Program**

Monday, 19th September 2016

01:00 pm	Greeting and introduction	
01:15 pm	Kaori Seino	Density functional theory of Au-induced atomic chains on Ge and Si
01:45 pm	Sergej Neufeld	Raman scattering efficiency of the Si(111)-Au surface
02:15 pm	Coffee break	
02:30 pm	Bernd Hafke	Two-dimensional interaction of chains in the Si(553)-Au nanowire system
03:00 pm	Christian Braun	First principles investigation of spin ordering on Si(775)-Au
03:30 pm	Coffee break	
04:00 pm	Frederik Edler	The role of oxygen on the transport of Au/Si(hhk) atomic-chains
04:30 pm	Ilio Miccoli	Metal-Insulator-Transitions in Au/Si(hhk) atomic-chains probed by transport
05:00 pm	Coffee break	
05:15 pm	Julian Plaickner	Functionalization of Si(553)-Au surface with small organic molecules
05:45 pm	Anas Abdelwahab	Correlated quantum metallic wire coupled to an environment

Tuesday, 20th September 2016		
09:00 am	Frederic Timmer	Strain induced quasi one-dimensional rare-earth silicide structures on Si(111)
09:30 am	Stephan Appelfeller	The electronic structure of Tb silicide nanowires
10:00 am	Coffee break	
10:15 am	Kris Holtgrewe	Density functional theory investigation on rare earth silicide nanowires
10:45 am	Christof Dues	First principles investigation of rare-earth silicide thin films @ Si(111)
11:15 am	Coffee break	
11:30 am	Philipp Kröger	Surface transport on thin semi-metallic films: the role of film thickness and magnetic Impurities
12:00 pm	Monika Jäger	Tin nanowires on vicinal Si(111)
12:30 pm	Lunch	
01:30 pm	Abdul Samad Syed	Polarization-dependent non-linear photoemission study of unoccupied states in Pb/Si(557)
02:00 pm	Tim Wagner	First STM studies on Ge(hhk)-systems
02:30 pm	Social event	

Wednesday, 21st September 2016		
09:00 am	Timo Lichtenstein	Lateral electronic screening in quasi-one dimensional plasmons
09:30 am	Zamin Mamiyev	Modification of properties of one-dimensional plasmons
10:00 am	Coffee break	
10:15 am	Yasemin Ergün	Ginzburg-Landau-Langevin theory for description of the phase transition in In/Si(111)
10:45	Andreas Lücke	The In/Si(111) 8x2 -> 4x1 phase transition from the bonding point of view
11:15 am	Coffee break	
11:30 am	Chris Nicholson	Ultrafast electron dynamics in In/Si(111)
12:00 pm	Jeanette Kemmer	Spin-polarised scanning tunneling microscopy – Fe/Rh(001)
12:30 pm	Closing session	

Social event on Tuesday	
02:30 pm	Walk / Bus to Paderborn City
03:00 pm	<p>City tour through Paderborn Walk to Schloß Neuhaus along the Pader</p>  <p><i>http://www.paderborn.de/freizeit/touristisches_angebot/gaestefuehrungen/Paderborn_und_Schloss_Neuhaus.php</i></p> <p style="text-align: center;">Please dress suitably for outdoor activity!</p>
19:00 pm	<p>Conference Dinner At Paderschänke “Lo Stuzzico” (http://www.lo-stuzzico.de/)</p>



Venue:

University of Paderborn

Room W o.209

Mersinweg 3

33100 Paderborn

www.uni-paderborn.de

Interactive campus map:

<https://unipin.uni-paderborn.de/karten.html?room=W+o.209>

Accommodation:

Boardinghouse Campus Lounge

Mersinweg 2

33100 Paderborn

<http://www.campuslounge.de/>

Organisation:

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