

Termine

Ringvorlesung GRK 1782



Die Ringvorlesung findet jeweils **freitags von 15.00 ct – 17.00 Uhr** statt. Den Vortragenden, Thema und Veranstaltungsort entnehmen Sie bitte der folgenden Liste:

Datum	Vortragender/Thema	Ort
09.11.2012	Prof. Dr. Jörg Sundermeyer <i>(Metall)Organische Leuchtdioden – Grundlagen und Forschungsaspekte</i>	Seminarraum E4/4326 HM 4 I FB Chemie Lahnberge Hans-Meerwein-Str. 4
16.11.2012	Prof. Dr. Jörg Sundermeyer <i>(Metall)Organische Leuchtdioden und Farbstoff-solarzellen – Grundlagen und Forschungsaspekte</i>	
23.11.2012	Prof. Dr. Jörg Sundermeyer <i>Farbstoffsolarzellen – Grundlagen und Forschungsaspekte</i>	
30.11.2012	Prof. Dr. Jörg Sundermeyer <i>Konzepte und Synthesestrategien für stickstoffreiche Metallkomplex-Präkursoren für die MOCVD von nitridischen Schichten</i>	
07.12.2012	Prof. Dr. Gregor Witte <i>Preparation of molecular thin films</i> gas-surface interaction, adsorption and chemisorption, ultrahigh-vacuum, cleaning and preparation of defined substrate surfaces, thin film deposition (gas dosing, PVD, CVD, immersion), surface reactions	Kleiner Hörsaal (02009), Institutsgebäude, Renthof 5
14.12.2012	Prof. Dr. Gregor Witte <i>Analytic methods for surface and thin film characterization</i> geometrical structure (STM, LEED, XRD, AFM) electronic and vibronic structure (UPS, IRS, EELS, IRS) chemical composition and interaction (XPS, SIMS)	
21.12.2012	Prof. Dr. Gregor Witte <i>Case study: Self assembled monolayers</i> Prolog: LB-films, chemical constituents of SAMs, preparation and microstructure of SAMs, chemical surface modifications and electronic interface engineering by means of SAMs, charge transfer across SAMs, soft lithography and technical applications	
18.01.2013	Prof. Dr. Gregor Witte <i>Special topic: synchrotron based photoelectron spectroscopy</i> creation and properties of synchrotron radiation, modern instrumentation, advanced spectroscopy (XPS, NEXAFS) and spectro-microscopy (PEEM), element-specific and magnetic imaging	

25.01.2013	Dr. Wolfgang Stolz <i>Concepts for band structure engineering of III/V-compound semiconductor heterostructures</i> 1) Basic properties of III/V-compound semiconductors	Seminarraum 02D36 Mehrzweckgebäude WZMW/FB Physik Hans-Meerwein-Str. 6 Lahnberge
15.02.2013	Dr. Wolfgang Stolz <i>Concepts for band structure engineering of III/V-compound semiconductor heterostructures</i> 2) Band Structure - an experimentalist point of view	
22.02.2013	Dr. Wolfgang Stolz <i>Concepts for band structure engineering of III/V-compound semiconductor heterostructures</i> 3) Electrical transport characteristics in low-dimensional carrier systems	
01.03.2013	Dr. Wolfgang Stolz <i>Concepts for band structure engineering of III/V-compound semiconductor heterostructures</i> 4) Optoelectronic properties of low-dimensional carrier systems	