

Thin Films Division Fachverband Dünne Schichten (DS)

Dietrich R. T. Zahn
Chemnitz University of Technology
Semiconductor Physics
Reichenhainer Straße 70
09107 Chemnitz
zahn@physik.tu-chemnitz.de

Overview of Invited Talks and Sessions

(lecture rooms GER 37 and GER 38; Poster P5)

Invited Talks

DS 4.1	Mon	10:15–11:00	GER 38	Semiconductor Nanolasers with Nanowire and Plasmonic Waveguides — ●CUN-ZHENG NING
DS 12.1	Tue	9:30–10:15	GER 38	Nanoscale Profiling of Electron Transport in Metallic and Semimetal films — CHAEHWI CHONG, YUNFEI WANG, ●ROBERT GEER
DS 14.1	Tue	14:15–15:00	GER 38	Optimal plasmonic focusing with thin film metrology applications — ●QIWEN ZHAN, WEIBIN CHEN
DS 19.1	Wed	14:45–15:30	GER 37	Integrated Inductors using Amorphous Magnetic Materials — ●DONALD S. GARDNER, GERHARD SCHROM, FABRICE PAILLET, TANAY KARNIK, SHEKHAR BORKAR
DS 32.1	Thu	9:30–10:15	GER 38	Optimizing Electronic Properties of Misfit Layered Compounds — ●DAVID JOHNSON, COLBY HEIDEMAN, QIYIN LIN, CLAY MORTENSEN
DS 34.1	Thu	14:15–15:00	GER 38	Metal/Semiconductor Superlattices as Thermoelectric Metamaterials for Solid-State Energy Conversion — ●TIMOTHY D SANDS

Gaede Prize

DS 27.1	Wed	14:00–14:45	HSZ 02	Engineering surfaces, interfaces and structural phases to tailor magnetic properties — ●JÜRGEN FASSBENDER
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Sessions

DS 1.1–1.7	Mon	10:15–12:00	GER 37	Thin Film Characterisation: Structure Analyse and Composition (XRD, TEM, XPS, SIMS, RBS, ...) I
DS 2.1–2.6	Mon	14:00–15:30	GER 37	Thin Film Characterisation: Structure Analyse and Composition (XRD, TEM, XPS, SIMS, RBS, ...) II
DS 3.1–3.6	Mon	15:45–17:15	GER 37	Layer Deposition Processes
DS 4.1–4.1	Mon	10:15–11:00	GER 38	Invited Ning
DS 5.1–5.3	Mon	11:15–12:30	GER 38	Nanophotonics - Theory of Nanophotonic Devices I
DS 6.1–6.3	Mon	14:00–15:15	GER 38	Nanophotonics - Theory of Nanophotonic Devices II
DS 7.1–7.4	Mon	15:30–17:00	GER 38	Nanophotonics - Theory of Nanophotonic Devices III
DS 8.1–8.6	Mon	15:00–17:00	WIL B321	High-k and low-k dielectrics
DS 9.1–9.5	Tue	9:30–10:45	GER 37	Metal Layers
DS 10.1–10.7	Tue	11:00–12:45	GER 37	Surface Modification
DS 11.1–11.8	Tue	14:00–16:00	GER 37	Layer Growth: Evolution of Structure and Simulation
DS 12.1–12.1	Tue	9:30–10:15	GER 38	Invited Geer
DS 13.1–13.5	Tue	10:30–12:00	GER 38	Thin Film Metrology for Electronics, Photonics, and Photovoltaics I
DS 14.1–14.1	Tue	14:15–15:00	GER 38	Invited Zhan
DS 15.1–15.4	Tue	15:15–16:30	GER 38	Thin Film Metrology for Electronics, Photonics, and Photovoltaics II

DS 16.1–16.39	Tue	9:30–12:30	P5	Poster I
DS 17.1–17.6	Wed	9:30–11:00	GER 37	Layer Properties: Electrical, Optical and Mechanical Properties I
DS 18.1–18.5	Wed	11:15–12:30	GER 37	Layer Properties: Electrical, Optical and Mechanical Properties II
DS 19.1–19.1	Wed	14:45–15:30	GER 37	Invited Gardner
DS 20.1–20.4	Wed	15:45–17:30	GER 37	Amorphous Thin Magnetic Films
DS 21.1–21.6	Wed	9:30–11:00	GER 38	Organic Thin Films I
DS 22.1–22.7	Wed	11:15–13:00	GER 38	Organic Thin Films II
DS 23.1–23.6	Wed	14:45–16:15	GER 38	Organic Thin Films III
DS 24.1–24.5	Wed	16:30–17:45	GER 38	Organic Thin Films IV
DS 25.1–25.4	Wed	18:00–19:00	GER 37	Organic Thin Films V
DS 26.1–26.61	Wed	9:30–12:30	P5	Poster II
DS 27.1–27.1	Wed	14:00–14:45	HSZ 02	Gaede Prize: Jürgen Fassbender
DS 28.1–28.6	Thu	9:30–11:00	GER 37	Nanoengineered Thin Films I
DS 29.1–29.6	Thu	11:15–12:45	GER 37	Nanoengineered Thin Films II
DS 30.1–30.7	Thu	14:15–16:00	GER 37	Application of Thin Films I
DS 31.1–31.6	Thu	16:15–17:45	GER 37	Application of Thin Films II
DS 32.1–32.1	Thu	9:30–10:15	GER 38	Invited Johnson
DS 33.1–33.5	Thu	10:30–12:00	GER 38	Thermoelectric Thin Films and Nanostructures I
DS 34.1–34.1	Thu	14:15–15:00	GER 38	Invited Sands
DS 35.1–35.5	Thu	15:15–17:00	GER 38	Thermoelectric Thin Films and Nanostructures II

Annual General Meeting Thin Films Division (DS)

Monday 17:30–18:00 Raum GER37

Annual General Meeting of the German Vacuum Society (DVG)

Monday 18:00–18:30 Raum GER37