

Theoretical and Mathematical Physics Division

Fachverband Theoretische und Mathematische Grundlagen der Physik (MP)

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Overview of Invited Talks and Sessions

(Lecture room: HFT-FT 101 and H 2013; Posters in the foyer of HFT, 1st floor)

Invited Talks

MP 3.1	Tue	12:00–12:40	HFT-FT 101	Quantum information measures for quantum fields — •TOBIAS OSBORNE
MP 8.1	Wed	11:00–11:40	HFT-FT 101	Semigroup of gauge fields from noncommutative geometry — •WALTER VAN SUIJLEKOM
MP 10.1	Wed	15:00–15:40	HFT-FT 101	Functional renormalization group for the scale-dependent effective action — •ANDREAS WIPF
MP 15.1	Thu	10:35–11:15	HFT-FT 101	Applications of local gauge covariance: Anomalies and QED in external potentials — •JOCHEN ZAHN

Invited talks of the joint symposium "Geometric Paradigms in Modern Physics" (SYGP)

Location: AudiMax H0105, see SYGP for the full program of the symposium.

SYGP 1.1	Thu	15:00–15:30	H 0105	General relativity: a theory born in creative confusion — •HARVEY BROWN
SYGP 1.2	Thu	15:30–16:00	H 0105	Gravitating Non-Abelian Fields: Solitons and Black Holes — •JUTTA KUNZ
SYGP 1.3	Thu	16:00–16:30	H 0105	Geometric principles in the physics of topological matter — •ALEXANDER ALTLAND
SYGP 1.4	Thu	16:30–17:00	H 0105	General Covariance in Quantum Field Theory on Curved Spacetimes — •THOMAS-PAUL HACK
SYGP 1.5	Thu	17:00–17:30	H 0105	The (noncommutative) Geometry of the Standard Model of Particle Physics — •CHRISTOPH STEPHAN

Sessions

MP 1.1–1.4	Tue	9:30–10:50	HFT-FT 101	Statistische Mechanik
MP 2.1–2.3	Tue	10:55–11:55	HFT-FT 101	Quanteninformation
MP 3.1–3.1	Tue	12:00–12:40	HFT-FT 101	HV Osborne
MP 4.1–4.3	Tue	9:30–11:30	H 2013	HV Gravitation (gemeinsam mit GR)
MP 5.1–5.2	Tue	15:00–15:30	HFT-FT 101	Alternative Theorien
MP 6.1–6.3	Wed	9:30–10:30	HFT-FT 101	Quantenfeldtheorie I
MP 7.1–7.1	Wed	10:35–10:55	HFT-FT 101	Integrable Strukturen
MP 8.1–8.1	Wed	11:00–11:40	HFT-FT 101	HV van Suijlekom
MP 9.1–9.3	Wed	11:45–12:45	HFT-FT 101	Quantenmechanik I
MP 10.1–10.1	Wed	15:00–15:40	HFT-FT 101	HV Wipf
MP 11.1–11.3	Wed	15:45–16:45	HFT-FT 101	Quantenfeldtheorie II
MP 12.1–12.2	Wed	16:50–17:30	HFT-FT 101	Quantenmechanik II
MP 13.1–13.1	Wed	17:35–17:55	HFT-FT 101	Klassische Feldtheorie
MP 14.1–14.2	Thu	9:30–10:30	HFT-FT 101	Mathematische und Philosophische Grundlagen (gemeinsam mit AG Phil)
MP 15.1–15.1	Thu	10:35–11:15	HFT-FT 101	HV Zahn
MP 16.1–16.3	Thu	11:20–12:20	HFT-FT 101	Gravitation

MP 17.1–17.6 Tue 9:30–18:00 HFT-FT 101 **Poster (permanent Di-Do)**

Mitgliederversammlung des FV Theoretische und Mathematische Grundlagen der Physik

Mittwoch 18.3.2015 18:00–19:00 HFT-FT 101

- Bericht
- Wahl des Leiters und des Beirats
- Dissertationspreis
- Tagungen
- Verschiedenes