

ASC GRADUATE COURSE PROGRAM WS08/09

Courses:

- at the [LMU Physics Department \(Theresienstr. 37\)](#):
 - TMP-MD4: Einführung in die Konforme Feldtheorie, 4 + 2 SWS; Mo 14 - 16, Wed 14 - 16, seminar room 348/349; tutorials Thu 8:30 - 10, seminar room 449; lecturer: Blumenhagen
 - TVI: Einführung in das Standardmodell, 4 + 2 SWS; Tue 14 - 16, Thu 14 - 16, seminar room 249; lecturer: Buchalla
 - TMP-TD1: Stringtheorie I, 4 + 2 SWS; Tue 14 - 16, seminar room 248; Thu 14 - 16, tutorials Thu 12 - 14, seminar room 449; lecturer: Cardoso
 - TMP-TA7: Quanteninformationsverarbeitung, 4 SWS; Tue 10 - 12, Thu 10 - 12, seminar room 449; lecturer: Christiandl
 - TMP-TC3: Quantenfeldtheorie in gekrümmten Räumen, 4 + 2 SWS; Mo 8 - 10, Wed 8 - 10, tutorials Mo 10 - 12, seminar room 449; lecturer: Erdmenger
 - TMP-TE2: Stochastische Prozesse in Physik und Biologie, 4 SWS; Tue 14 - 16, Thu 14 - 16, seminar room 348/349; lecturers: Franosch
 - TMP-TC1: Allgemeine Relativitätstheorie, 3 + 2 SWS; Fr 13 - 16, seminar room 348/349; lecturer: Mukhanov
 - Blockvorlesung: Random Matrices and Matrix Models, 9 - 13.02.09, twice a day, 10 - 12, 13:30 - 16, seminar room 449; lecturer: Steinacker
 - TMP-TA4: Feldtheorien Kondensierter Materie, 4 SWS; Tue 8 - 10, Fr 8 - 10, seminar room 449; lecturer: von Delft
 - TMP-WP4: Theoretische Festkörperphysik, 4 + 2 SWS; Wed 12 - 14, Fr 12 - 14, seminar room 449; lecturer: Yevtushenko
- at the [LMU Math Department \(Theresienstr. 39\)](#):
 - TMP-K1: Mathematische Quantenmechanik, 4 + 2 SWS; Wed 10 - 12, Fr 10 - 12, tutorials Fr 8 - 10, seminar room B132; lecturers: Erdős, Helling
 - Die Riemannsche Zetafunktion, 2 + 2 SWS; Wed 14 - 16, tutorials Fr 14 - 16, seminar room A027, Theresienstr. 37 (!); lecturer: Forster
 - Topologie I, 4 + 2 SWS; Tue 10 - 12, Thu 10 - 12, tutorials Thu 14 - 16, seminar room A027, Theresienstr. 37 (!); lecturer: Leeb
 - Stochastische Prozesse, 4 + 2 SWS; Wed 10 - 12, Fr 10 - 12, seminar room B005; lecturer: Merk1
 - Simplicial Homotopy Theory for Sheaves, 4 + 2 SWS; Mo 10 - 12, Thu 10 - 12, tutorials Tue 16 - 18, seminar room B132; lecturer: Morel
 - Funktionalanalysis, 4 + 2 SWS; Mo 14 - 16, Wed 14 - 16, seminar room B005; lecturer: Müller
 - Hopfalgebren and Quantengruppen, 4 + 2 SWS; Wed 16 - 18, Fr 14 - 16, tutorials Thu 12 - 14, seminar room B132; lecturer: Schneider
 - Spieltheorie-Modelle der Entscheidungsfindung und Evolution, 4 + 2 SWS; Tue 14 - 16, seminar room A027, Theresienstr. 37 (!); Thu 14 - 16, tutorials Thu 16 - 18, seminar room B004; lecturer: Schottenloher
 - Nichtlineare Funktionalanalysis, 4 + 2 SWS; Tue 14 - 16, Thu 14 - 16, Fr 14-16, seminar room B005; lecturer: Steinlein

- at the TUM Physics Department (Garching):

- Introduction to Quantum Field Theory, 4 + 2 SWS; Tue 14:00 - 16:00, Thu 14:00 - 16:00, seminar Tue 16:00 - 18:00, seminar room PH 3343, lecturer: Zwerger

Seminars:

- at the LMU Physics Department (Theresienstr. 37):

- Theoretische Teilchenphysik, 2 SWS; Wed 14 - 16, seminar room 318; Buchalla
- Statistische Physik in der Biologie, 2 SWS; Mo 16 - 18, seminar room 449; Frey, Gerland
- Lunch Seminar on Biological Physics, 1 SWS; Thu 12 - 13, N110, Geschwister-Scholl-Platz 1 (!); Frey, Heinrich
- Theoretische Festkörperphysik, 2 SWS; Fr 10 - 12, seminar room 449; Kehrein, von Delft
- Theoretische Nanophysik, 2 SWS; 14 tg, Wed 10 - 12, seminar room 348/349; Kehrein, von Delft
- Classical and Quantum Equilibrium Problems, 2 SWS; Wed 8:15 - 10, seminar room 450; Kehrein, Marquardt, von Delft, Yevtushenko
- Lunch Seminar String Theory, 2 SWS; Wed 12:00 - 13:30, seminar room 450 (LMU) / seminar room 313 (MPI Physik); Lüst
- Fields and Strings, 1 SWS; Thu 16:00 - 17, seminar room 348/349; Lüst, Mayr, Sachs
- Aktuelle Probleme der Theoretischen Biophysik, 2 SWS; Fr 11 - 13, seminar room Z 0.11, Öttingerstr. 67 (!); Tavan
- Sommerfeld Theory Colloquium, 1 SWS; 14tg, Wed 10:45 - 12, seminar room 348/349; ASC

- at the LMU Math Department (Theresienstr. 39):

- Oberseminar Geometrie, 2 SWS; Tue 16 - 18, seminar room B252; Cieliebak, Kotschick
- Oberseminar: Die geometrische Phase in der QED, 2 SWS; Wed 14 - 16, seminar room B251; Dürr, Merkl, Schottenloher
- Oberseminar Angewandte Mathematik, Numerik und Mathematische Physik, 2 SWS; Fr 12 - 14, seminar room B251; Erdős
- Oberseminar Wahrscheinlichkeitstheorie, 2 SWS; Mo 17 - 19, seminar room B251; Georgii, Merkl, Rolles, Winkler
- Oberseminar Analysis, 2 SWS; Fr 14 - 16, seminar room B251; Kalf, Müller, Wugalter
- Oberseminar Motive und Algebraische Geometrie, 2 SWS; Thu 16 - 18, seminar room B041; Morel, Rosenschon
- Oberseminar Hopfalgebren und Quantengruppen, 2 SWS; Thu 14 - 16, seminar room B046; Schneider
- Oberseminar Geometrie - Topologie, 2 SWS; Thu 16 - 18, seminar room B252; Weiss