

ASC GRADUATE COURSE PROGRAM SS08

Courses:

- [at the LMU Physics Department \(Theresienstr. 37\):](#)
 - TMP-TD4: Instantons and Black Holes, 4 + 2 SWS; Tue 12 - 14, seminar room 348/349; Thu 12 - 14, seminar room 249; tutorials Tue 14 - 16, seminar room 348/349; lecturer: Cardoso
 - TMP-G2.2: Quanteninformati on stheorie, Blockveranstaltung; lecturer: Christiandl
 - TMP-TB2: QCD, 4 + 2 SWS; Wed 8 - 10, Thu 10 - 12, tutorials Thu 8 - 10, seminar room 249; lecturer: Curio
 - TMP-TA2: Mesoskopische Physik, 4 + 2 SWS; Tue 14 - 16, Fr 8 - 10, tutorials Thu 14 - 16, seminar room 450; lecturer: Kehrein
 - TMP-K3: Mathematical Statistical Physics, 4 SWS; Tue 10 - 12, Thu 10 - 12, seminar room 348/349; lecturers: Merkl, Frey
 - TVI: String Field Theory, 4 SWS; Wed 14 - 16, seminar room 450; Thu 14 - 16 seminar room 449; lecturer: Möller
 - TMP-TC2: Cosmology, 3 + 2 SWS; Fr 13 - 16, seminar room 348/349; lecturer: Mukhanov
 - TMP-TA3: Many Body Physics, 4 + 2 SWS; Mo 14 - 16, Thu 16 - 18, seminar room 450; lecturer: Golovach, Yevtushenko
 - TMP-TD2: String Theory II, 4 SWS; Mo 12 - 14, Wed 12 - 14, seminar room 449; lecturer: Stieberger
 - TVI: Theorie Selbstorganisierender Neuronaler Netze, 4 + 2 SWS; Tue 14 - 16, Thu 14 - 16, Kleiner Physik Hörsaal, Geschwister-Scholl-Platz 1; tutorials Thu 16 - 18, seminar room 4/16, Schellingstr. 4; lecturer: Tavan
- [at the LMU Math Department \(Theresienstr. 39\):](#)
 - Geometrie und Topologie von Flächen, 4 + 2 SWS; Mo 8 - 10, Wed 8 - 10, tutorials Thu 16 - 18, seminar room 051; lecturer: Cieliebak
 - Morse Homologie, 2 SWS; Thu 12 - 14, seminar room 132; lecturer: Frauenfelder
 - Mathematische Herausforderungen aus der Nichtlinearen Optik und Quantenmechanik, Blockveranstaltung from June 23 - July 4, daily at 18 - 20, seminar room 133; lecturer: Hundertmark (Urbana-Champaign)
 - Coxeter Gruppen, 2 SWS; Tue 14 - 16, seminar room 133; lecturer: Heckenberger
 - TMP-MB2: Mathematische Eichtheorie, 4 + 2 SWS; Tue 10 - 12, Wed 10 - 12, tutorials Wed 14 - 16, seminar room 132; lecturer: Kotschick
 - Differentialgeometrie II, 4 + 2 SWS; Tue 16 - 18, Wed 16 - 18, tutorials Thu 14 - 16, seminar room 027; lecturer: Leeb
 - Fortgeschrittene Partielle Differentialgleichungen, 4 + 2 SWS; Tue 12 - 14, Thu 12 - 14, tutorials Tue 16 - 18, seminar room 132; lecturer: Wugalter
 - Algebraische Geometrie II, 4 + 2 SWS; Mo 10 - 12, Thu 10 - 12, tutorials Wed 16 - 18, seminar room 132; lecturer: Rosenschon
 - TMP-ME1: Wahrscheinlichkeitstheorie, 4 + 2 SWS; Wed 10 - 12, Fr 10 - 12, tutorials Wed 14 - 16, seminar room 051; lecturer: Schlicht
 - TMP-K1: Fortgeschrittene Mathematische Quantenmechanik, 4 + 2 SWS; Wed 10 - 12, Fr 10 - 12, tutorials Wed 8 - 10, seminar room 027; lecturers: Siedentop

Seminars:

- at the LMU Physics Department (Theresienstr. 37):
 - Supersymmetry Breaking, 2 SWS; Thu 14 - 16, seminar room 348/349; Haack, Mayr, Sachs, Zagermann
 - TMP-G2.1: Seminal Papers in High Energy Physics, 2 SWS; Tue 16 - 18, seminar room 449; Helling, Tsimpis
 - Theoretical Particle Physics, 2 SWS; Wed 14 - 16, seminar room 318; Buchalla
 - Lunch Seminar Biophysics, 1 SWS; Thu 12 - 13, seminar room N 110, Geschwister-Scholl-Platz 1; Franosch, Heinrich
 - Condensed Matter Theory, 2 SWS; Fr 10 - 12, seminar room 449; Kehrein, Delft, Yevtushenko
 - Theoretische Nanophysik, 2 SWS; Wed 14 - 16, seminar room 449; Kehrein, Delft
 - Graphene, 1 SWS; Wed 10 - 11, seminar room 348/349; Marquardt, Delft, Yevtushenko
 - Quantum physics of semiconductor nano structures, 2 SWS; Fr 14 - 16, seminar room N 110, Geschwister-Scholl-Platz 1; Ludwig, Marquardt
 - 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 16:15 - 17:15, seminar room 348/349; Lüst, Mayr, Sachs
 - Sommerfeld Theory Colloquium, 1 SWS; 14tg, Wed 11 - 13, seminar room 348/349; ASC
- at the LMU Math Department (Theresienstr. 39):
 - Seminar: Topics in Symplectic Geometry, 2 SWS; Fr 10 - 12, seminar room 251; Cielibak
 - Seminar: Knotentheorie, 2 SWS; Tue 10 - 12, seminar room 251; Cielibak
 - Seminar: Elliptische Kurven, 2 SWS; Wed 14 - 16, seminar room 045; Dürr, Rosenschon
 - Seminar: Random Matrices, 2 SWS; Thu 16 - 18, seminar room 040; Erdős
 - Seminar: Mannigfaltigkeiten, 2 SWS; Wed 16 - 18, seminar room 252; Kotschick
 - Seminar: Geometrie, 2 SWS; Tue 14 - 16, seminar room 252; Leeb
 - Seminar: Wahrscheinlichkeitstheorie, 2 SWS; Thu 14 - 16, seminar room 252; Merkl
 - Seminar: Spetraktheorie, 2 SWS; Thu 14 - 16, seminar room 040; Siedentop
 - Oberseminar: Topological Methods in Geometry, 2 SWS; Thu 16 - 18, seminar room 133; Cielibak, Kotschick, Morel, Rosenschon
 - Oberseminar: Die geometrische Phase in der QED, 2 SWS; Wed 14 - 16, seminar room 027; Dürr, Merkl, Schottenloher
 - Oberseminar: Themen der Mathematischen Physik, 2 SWS; Tue 16 - 18, seminar room 133, Dürr, Spohn
 - Oberseminar: Angewandte Mathematik, Numerik und Mathematische Physik, 2 SWS; Fr 12 - 14, seminar room 251; Erdős
 - Oberseminar: Komplexe Analysis, 2 SWS; Fr 14 - 16, seminar room 252; Forster, Kraus, Schottenloher
 - Oberseminar: Wahrscheinlichkeitstheorie, 2 SWS; Mo 17 - 19, seminar room 251; Georgii, Merkl, Rolles, Winkler
 - Oberseminar: Analysis, 2 SWS; Fr 14 - 16, seminar room 251; Kalf, Siedentop, Wugalter
 - Oberseminar: Geometrie, 2 SWS; Tue 16 - 18, seminar room 252; Kotschick, Cielibak
 - Oberseminar: Geometrie und Topologie, 2 SWS; Thu 16 - 18, seminar room 252; Leeb
 - Oberseminar: Motive und Algebraische Geometrie, 2 SWS; Thu 16 - 18, seminar room 041; Morel, Rosenschon
 - Oberseminar: Hopfalgebren und Quantengruppen, 2 SWS; Thu 10 - 12, seminar room 039; Schneider
 - Oberseminar: Mathematische Physik, 2 SWS; Thu 14 - 16, seminar room 251; Siedentop