

INTENSIVE COURSE

GEOMETRY AND GRAVITY



A part of the
CEEPUS Network
Quantum Spacetime,
Gravitation and
Cosmology



June 15 – 20, 2026



University of Belgrade –

Faculty of Physics



Belgrade, Serbia

An intensive course on geometry in quantum field theory and (quantum) gravity for MSc/PhD students and early-career postdocs.



TOPICS

- Geometry of classical black holes
- Generalized geometry in physics
- Noncommutative geometry in QM, QFT, and gravity
- Quantum spacetime and quantum gravity
- Supergravity and symbolic calculations in Cadabra
- Introduction to cosmology



LECTURERS

Branislav Cvetković	Institute of Physics, Belgrade
Falk Hasler	Institute of Theoretical Physics, Wroclaw
Giulia Gubitosi	University Federico II, Naples
Dragan Prekrat	Faculty of Pharmacy, Belgrade
Dušan Đorđević	Faculty of Physics, Belgrade
Đorđe Minić	Virginia Tech, Virginia USA
Eric Lescano	Institute of Theoretical Physics, Wroclaw
Goran Đorđević	Faculty of Science and Mathematics, Niš
Dragoljub Dimitrijević	Faculty of Science and Mathematics, Niš



AUDIENCE

MSc/PhD students
and early-career
postdocs



PRELIMINARY SCHEDULE

Each course consists of four 45-minute sessions (2 × 90 minutes in the morning and 2 × 45 minutes in the afternoon). The afternoon sessions are devoted to exercise classes.



REGISTRATION & INFORMATION

For registration and further information, please visit:

qtp.edu.rs/qsgravcos/geograv2026



CONTACT

Local organizing committee
can be reached at:

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