

News from TU Wien



FAKT discussion session 2021,
26.02.2021

Particle and Quark-Gluon plasma (QGP) physics

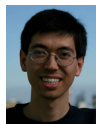
- Anton Rebhan (Prof.)

- ★ *Ph.D.s:* Florian Hechenberger, Josef Leutgeb, Jonas Mager
- ★ *Recent topics:* Semi-holography for heavy-ion collisions; holographic QCD for muon $g-2$, [1912.01596](#)



- Andreas Ipp (Priv.-Doz. Univ.-Ass.)

- ★ *Postdoc:* David Müller
- ★ *Ph.D.s:* Matteo Favoni, Daniel Schuh
- ★ *Recent topics:* 3+1D simulations & jet quenching in Glasma / QGP; Lattice gauge equiv. conv. neural networks, [2012.12901](#)



- Kirill Boguslavski (Univ.-Ass.)

- ★ *Recent topics:* Universality, transport coefficients, IR dynamics, excitation spectra in nonequilibrium QGP, [2101.02715](#)



- Benjamin Koch (*new* Univ.-Ass., visiting Prof. at UC Chile)

- ★ *Ph.D.s:* René Araneda, Christian Diaz
- ★ *Recent topics:* Particle physics pheno, quantum gravity, scale dependence in QFT and quant. gravity, [2006.09508](#)



String theory, Gravity and Cosmology

- Daniel Grumiller (Assoc.-Prof.)

- ★ *Postdocs:* Laura Donnay, Adrien Fiorucci, Iva Lovrekovic, Rohan Poojary, Romain Ruzziconi, Celine Zwickel
- ★ *Ph.D.:* Raphaela Wutte
- ★ *Long-term visiting faculty:* Gaston Giribet
- ★ *Recent topics:* Black holes & holography, gravity in 2D & 3D, how general is holography? [2007.10367](#)



- David Andriot (Univ.-Ass.)

(*New:* Successor of Timm Wrase, now at Lehigh Univ., PA, USA)

- ★ *Recent topics:* String theory and cosmology (with N. Cribiori, C. Roupec, T. Wrase) on de Sitter space-time, swampland, inflation, quintessence; gravitational waves; [2101.06251](#)



- Upcoming conference: [Strings 2022 Vienna](#)

- *Main organizers:* Stefan Fredenhagen (UniW), Daniel Grumiller (TUW)
- *Dates and venue:* July 18–22, at AudiMax, main building (Uni Wien)