

**FAKULTÄT für PHYSIK
LUDWIG-MAXIMILIANS-UNIVERSITÄT
MÜNCHEN/GARCHING**

**PHYSIK-DEPARTMENT
TECHNISCHE UNIVERSITÄT MÜNCHEN
MÜNCHEN/GARCHING**

Garching Maier-Leibnitz-Kolloquium

Donnerstag, 09.01.2025, 16¹⁵ Uhr

Hörsaal der LMU in Garching, Am Coulombwall 1
Treffen zum gemeinsamen Kaffee 16 Uhr

Dr. Daniel Greenwald

(Physik Department E18, Technische Universität München)

The Flavor Intensity Frontier: Recent Results from Belle and Belle II

The study of the different flavors of quarks and leptons may answer some of the most interesting questions of particle physics, including explaining why the visible universe is built only of matter, not antimatter and discovering new particles and forces not yet known to us. The Belle and Belle II experiments, located at KEK in Tsukuba, Japan precisely measure flavor phenomena using their large data sets. I will present an accessible overview of the experiments, their measurement techniques, and some of recent results.

Hybrid online access via ZOOM:

<https://lmu-munich.zoom.us/j/98457332925?pwd=TWc3V1JkSHpyOTBPQVlMelhuNnZ1dz09>

Meeting ID: 984 5733 2925

Passcode: 979953

gez. Peter Thirolf
Tel. 289-14064

gez. Norbert Kaiser
Tel. 289-12367