

Symposium Quantum meets gravity and metrology (SYQG)

jointly organized by
the Quantum Optics and Photonics Division (Q) and
the Atomic Physics Division (A)

Caslav Brukner
Faculty of Physics
Vienna Center for Quantum Science
and Technology VCQ
University of Vienna
Boltzmanngasse 5
1090 Vienna
Austria
caslav.brukner@univie.ac.at

Wolfgang Ertmer
Leibniz Universität Hannover
Institute for Quantum Optics
Welfengarten 1
30167 Hannover
Germany
ertmer@iqo.uni-hannover.de

Igor Pikovski
Faculty of Physics
Vienna Center for Quantum Science
and Technology VCQ
University of Vienna
Boltzmanngasse 5
1090 Vienna
Austria
igor.pikovski@univie.ac.at

Overview of Invited Talks and Sessions

(lecture room E 415)

Invited Talks

SYQG 1.1	Tue	11:00–11:30	E 415	Does time exist in quantum gravity? — •CLAUS KIEFER
SYQG 1.2	Tue	11:30–12:00	E 415	How Attractive is the Moon for Relativity? — •JÜRGEN MÜLLER, LILIANE BISKUPEK, ENRICO MAI, FRANZ HOFMANN
SYQG 1.3	Tue	12:00–12:30	E 415	Interferometry with Bose-Einstein condensates in microgravity — •ERNST RASEL
SYQG 1.4	Tue	12:30–13:00	E 415	Relativistic effects in atom and neutron interferometry — •WOLFGANG SCHLEICH

Sessions

SYQG 1.1–1.4	Tue	11:00–13:00	E 415	Quantum meets gravity and metrology I
SYQG 2.1–2.5	Tue	14:30–16:00	E 415	Quantum meets gravity and metrology II