

Location

This year's spring workshop will be held at the Jacobs University Bremen.

The Jacobs University was opened in 2001 and is registered as a not-for-profit organization. The primary language of instruction and campus communication is English. The education system combines aspects from the American and German academic systems.

The university has 437 employees and over 1200 students.

The address of the workshop is:

Jacobs University Bremen, Campus Ring 1, 28759 Bremen

Directions

By public transport

Taking a Bus or a Tram:

87, 94 and 95 buses stop at campus, connecting Burg and Vegesack stations.

Timetables can be found at:

www.bsag.de/de/unternehmen.html

Taking the Train:

The trains run every 30 minutes from Schönebeck Station to downtown Bremen and beyond.

Timetables can be found at:

www.verkehrsmittelvergleich.de/fahrplan/bremen-schoenebeck

By car

If you are traveling by car, please follow the directions at

<https://www.jacobs-university.de/campus-map-directions>

By plane

Flights to and from Bremen airport (BRE) can be found at

<http://airport-bremen.de/>

Participating Universities



Participating Institutes



Funded by



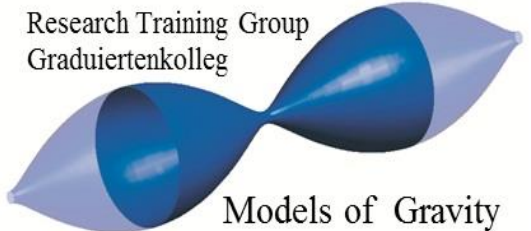
Contact

secretariat@models-of-gravity.org

Phone: +49 (0)421 218-57756

www.models-of-gravity.org

Spring Workshop 2018



19.– 20.02.2018
Jacobs University
Bremen

Monday, 19.02.2018

09:30 – 12:30 Session One

- 09:30 - 10:00 Coffee and Welcome
- 10:00 - 10:30 **Eugenia Boffo** (Jacobs University Bremen)
"Generalized Geometry in Gravity"
- 10:30 - 11:00 **Marvin Pinkwart** (Jacobs University Bremen)
"Quantum Geometry in Cosmology"
- 11:00 - 11:30 Coffee
- 11:30 - 12:30 **Sergey Solodukhin** (University of Tours/CERN)
"The quantum fate of black hole horizons"
- 12:30 - 14:00 Lunch and RTG General Assembly

14:00 – 17:30 Session Two "GW170817 and its implications"

- 14:00 – 15:00 **Filippo Vernizzi** (CEA Saclay)
"Dark energy and modified gravity before and after GW170817"
- 15:00 - 15:30 Coffee
- 15:30 - 16:30 **Tim Dietrich** (Nikhef/Amsterdam)
"A Multimessenger Picture of GW170817"
- 17:00 - 17:30 **Tessa Baker** (University of Oxford)
"Tests of Gravity with Gravitational Waves and Cosmology"

19:00 **Dinner at Ratskeller Bremen**

Tuesday, 20.02.2018

09:30 – 12:30 Session Three

- 09:30 - 10:15 **Lenin Escamilla** (UNAM)
"Tsallis non-extensive statistical mechanics of the self-gravitating gas"
- 10:15 - 11:00 **Zahra Motahar** (University of Oldenburg)
"I-C universal relation of the scalarized rotating neutron stars with various realistic equations of state"
- 11:00 - 11:30 Coffee
- 11:30 - 12:30 **Roman Konoplya** (University of Tuebingen)
- 12:30 - 14:00 Lunch and RTG Board Meeting

14:00 – 17:15 Session Four

- 14:00 – 15:00 **Marco Zagermann** (DESY/Hamburg)
"String Theory Vacua with Positive Cosmological Constant"
- 15:00 - 15:30 Coffee
- 15:30 - 16:30 **Diederik Roest** (University of Groningen)
"Symmetries and soft limits: from scalars to gravity"
- 16:30 – 17:15 **Christine Gruber** (University of Oldenburg)
"The zeroth law of black hole thermodynamics revisited"

Campus Map



Dinner location

Ratskeller Bremen
www.ratskeller.de
Am Markt, 28195 Bremen