

We invite applications for participation in the

Interdisciplinary junior scientist workshop: Mathematical General Relativity

which will be held from February 26 to March 10, 2023 in Haus Saron in Wildberg, Germany.

Who can apply?

- Young researchers such as postdocs, doctoral and masters students
- with a background in General Relativity and in PDE Theory, Differential Geometry, or Classical Mechanics
- and with an interest in interdisciplinary exchange between mathematicians and physicists.

Program

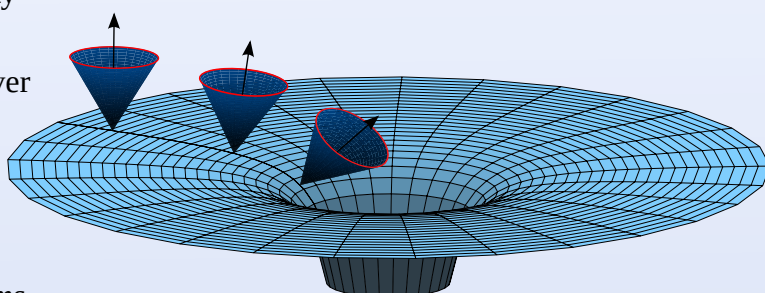
Interdisciplinary mini lecture series with exercise sessions by

Dr. Stefan Czimek, ICERM @ Brown University
Characteristic gluing for the Einstein equations

Prof. Dr. Domenico Giulini, Universität Hannover
Hamiltonian General Relativity

Dr. Thomas Körber, Universität Wien
Geometric Foliations in General Relativity

Prof. Dr. Anna Sakovich, Uppsala Universitet
Asymptotically hyperbolic positive mass theorems.



Contributed talks by participants of the workshop with individual feedback by lecturers and other participants

Evening lecture on gravitational waves

Workshops on Funding and Science Communication & Videocollage on General Relativity

Application

Deadline is September 07, 2022. To apply, refer to www.math.uni-potsdam.de/grworkshop

Costs and funding

There is no registration fee; room and board are provided for all participants. Limited funding is available to support travel of individual participants. To apply for funding, see the application questionnaire on www.math.uni-potsdam.de/grworkshop. *Please do not hesitate to apply for funding.*

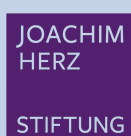
Organizers

Carla Cederbaum, Universität Tübingen
Melanie Graf, Universität Tübingen
Jan Metzger, Universität Potsdam

Contact and further information

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www.math.uni-potsdam.de/grworkshop



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