EXPLORE

EXPeriential Learning Opportunity through Research & Exchange

Academic year 2023/24

UNIVERSITY OF ALBERTA | GOETHE UNIVERSITÄT FRANKFURT AM MAIN | YORK UNIVERSITÉ UNIVERSITY | Massachusetts Institute of Technology

Join our research teams to explore

Frontiers of Matter and Gravity in the Universe

Research topics: Dark Matter, Dark Stars, Neutron Stars, Cosmology, Gravitational waves, Cosmic Structure Formation, Quantum Gravity

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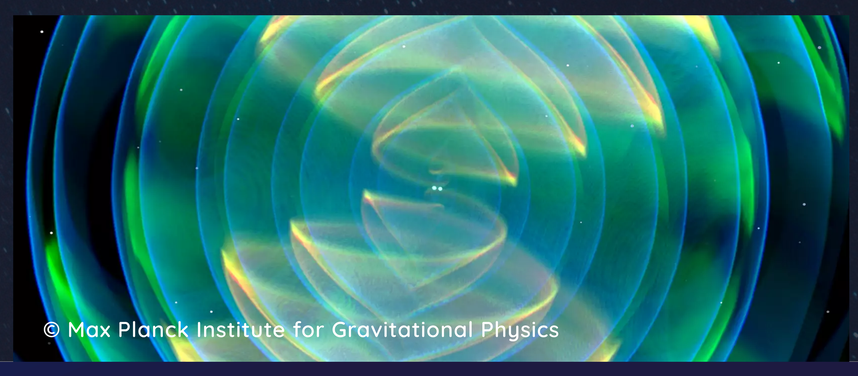
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- **Research:** Learn & work together on real research projects with students from Canada, Germany and the USA
- **Improve your written & oral communication skills:** Exchange ideas in weekly team meetings and give a presentation at a scientific workshop
- **Programming:** Learn scientific computing in Python - Tutorials and help sessions are provided
- **Research abroad:** Apply for a research stay abroad to continue to work on your EXPLORE research project together with your peers!

Interested? For more information on the course, visit our website: https://dmgw.space/EXPLORE

Faculty supervisors

Goethe University

Laura Sagunski

Jürgen Schaffner-Bielich

University of Alberta

Saeed Rastgoo

York University

Sean Tulin

Rahul Kannan

Massachusets Institute of Technology (MIT)

Mark Vogelsberger

Partners

EL EM EN TS | CRC-TR 211 Strong-interaction matter under extreme conditions | YORK U Academic Innovation Fund (AIF)