

Selection of conference and seminar contributions and public talks

On quantum reference frames, measurement schemes and the type of local algebras in quantum field theory

- Jun. 2024 **Conference presentation**, *Quantum Field Theory in Curved Spacetimes Workshop III*, Instituto Superior Técnico, Lisbon, Portugal
 - Jun. 2024 **Conference presentation**, *LQP 48*, University of Leipzig, Germany
 - May 2024 **Invited seminar**, *ETH Zürich Quantum Information Theory Seminar*, Online
On Hadamard states on characteristic surfaces and semi-classical gravity as characteristic initial value problem
 - Jan. 2024 **Invited seminar**, *FAU Seminar on Mathematical Physics and Operator Algebras*, Erlangen, Germany
 - Jan. 2024 **Conference presentation**, *AQFTUK 7*, University of Nottingham, United Kingdom
 - Sep. 2023 **Conference presentation**, *Quantum Effects in Gravitational Fields*, University of Leipzig, Germany
 - Jul. 2023 **Poster presentation**, *Quantum Gravity 2023*, Radboud University Nijmegen, the Netherlands
 - May 2023 **Conference presentation**, *Quantum Field Theory in Curved Spacetimes Workshop II*, Instituto de Astrofísica de Andalucía, Spain
 - Sep. 2022 **Conference presentation**, *Energy conditions in quantum field theory*, University of Leipzig, Germany
 - Sep. 2022 **Poster presentation**, *Bad Honnef Physics School on Black Holes*, Bad Honnef Physics Center, Germany
 - Mar. 2022 **Conference presentation**, *Jena-Leipzig Physik Combo*, FSU Jena, Germany
 - Oct. 2021 **Seminar during research visit**, *Mathematics seminar*, University of Genoa, Italy
On quantum fields on semi-globally hyperbolic space-times
 - Jul. 2022 **Conference presentation**, *Global Structures in Semi-Classical Gravity*, Munich Center for Mathematical Philosophy, LMU, Germany
 - May 2022 **Conference presentation**, *Quantum Field Theory in Curved Spacetimes Workshop*, online
 - May 2022 **Invited seminar**, *University of York Mathematics Seminar*, online
 - Apr. 2022 **Invited seminar**, *Radboud University Quantum Theory & Gravitation Seminar*, online
- Outreach talks
- Jul. 2023 **Invited outreach talk for bachelor students**, *Quantum Gravity 2023*, Radboud University Nijmegen, the Netherlands