



Fourth Patricio Letelier School on Mathematical Physics

UFES, Vitória (ES), Brazil

October 14 - 18, 2024

The school aims to bring together both graduate students and specialists working in mathematical physics, in particular, in field theory and gravitation.

Mini-courses

Luiz Agostinho Ferreira *USP-São Carlos, Brazil*

Lectures on symmetries and gauge theories

Dmitry Melnikov *IIP, Natal, Brazil*

*Topological quantum field theories,
quantum entanglement, and emerging spacetime*

Aleksandr Pinzul *Universidade de Brasília, Brazil*

*A brief introduction to von Neumann algebras
and their modular theory*

Ilya Shapiro *UFJF, Brazil*

*Recent progress in effective quantum
gravity with cosmological applications*

Francesco Toppan *CBPF, Brazil*

Lectures on the detectability of paraparticles



Talk

César Rogério de Oliveira *UFSCar, São Carlos, Brazil*

*Graph-modeled graphene:
the role of boundary conditions*

Organizing Committee

Giuseppe Dito *Université de Bourgogne, France*

Júlio C. Fabris *UFES, Brazil*

Paulo A. Faria da Veiga *USP - São Carlos, Brazil*

Dmitry Melnikov *UFRN, Brazil*

Mariane Pigossi *UFES, Brazil*

Aleksandr Pinzul *UnB, Brazil*

Dmitri Vassilevich *UFABC, Brazil*

