

# Conformal and related techniques for applications in GR, part IV

*Thursday, 27 July 2023 10:00 (45 minutes)*

Topics should include: Spacetime models and spacetime compactification; Conformal geometry and tractors; prolongation of some relevant overdetermined PDE; The geometry of scale; Geometric compactification and related boundary calculus; Applications to the massive wave equation and its scattering as an example; Conformal boundary conditions for the Einstein equations.

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**Session Classification:** Conformal and related techniques for applications in GR