Seminário de Equações Diferenciais Parciais
Universidade Estadual de Campinas - UNICAMP
Departamento de Matemática - IMECC
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FOURIER INTERPOLATION FORMULAS, SOME PERTURBATIONS AND THEIR CONNECTIONS WITH PDEs

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In this talk we will discuss some problems related to theory of Fourier interpolation and some of its recent connections with partial differential equations, such as the interpolations formulas for the Klein-Gordon equation introduced by Bakan, Hedenmalm, Montes-Rodriguez, Radchenko and Viazovska. The talk is meant to be light and essentially will be a conversation with the goal of presenting some interesting problems to the audience, and also some recent developments in joint work with João Pedro Ramos (ETH Zürich) will be mentioned.

Anyone with basic knowledge in analysis is welcome to attend.

References

[1] M.C. Sousa & J. P. G. Ramos, *Perturbed interpolation formulae and applications*. Arxiv `arXiv:2005.10337`.

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