Mathematics and CS Seminar

Calibrations for minimal networks in a covering space setting

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Host: Julian Fischer

In this talk I will present an improvement of the approach to the Steiner problem proposed by Amato, Bellettini and Paolini, which is based on the minimization of the perimeter of subsets of a suitably chosen covering space. In this setting I will define a proper notion of calibration giving some examples. Finally I will focus on a calibration argument that allows to prove the minimality of the Steiner configurations for the vertexes of a regular hexagon. This is a jointwork with Alessandra Pluda.

Thursday, January 18, 2018 04:00pm - 06:00pm

IST Austria Campus Big Seminar room Ground floor / Office Bldg West (I21.EG.101)

This invitation is valid as a ticket for the IST Shuttle from and to Heiligenstadt Station. Please find a schedule of the IST Shuttle on our webpage: https://ist.ac.at/en/campus/how-to-get-here/ The IST Shuttle bus is marked IST Shuttle (#142) and has the Institute Logo printed on the side.