Seminar/Talk

Voronoi Story: To L-infinity and beyond

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Host: Chris Wojtan

I ll talk about some generalizations of Voronoi diagrams, algorithms to compute them, and some applications in 3D modeling for computer fabrication. I ll present a general algorithm that computes the intersection between a (generalized) Voronoi diagram and a tetrahedralized mesh. This algorithm can be used by different numerical optimizations where the discretization of space is dynamically optimized, such as Voronoi meshing by Lloyd relaxation and implementing some particular numerical schemes (semi-discrete) for solving some Partial Differential Equations (Monge-Ampere).

Wednesday, April 12, 2017 12:45pm - 02:00pm
Mondi Seminar Room 3, Central Building

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

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