Technion-Israel Institute of Technology

Computer Science Department

Center for Graphics and Geometric Computing

CGGC Seminar – M.Sc. Talk

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Viscous Thin Films in Real Time

I'll discuss our novel discrete scheme for simulating viscous thin films in 2D at real-time frame rates.

Our scheme is based on a new formulation of the gradient flow approach, that leads to a discretization based on local stencils that are easily computable on the GPU.

I'll also discuss our recent work toward a real-time 3D scheme for simulation of the effect on meshes, based on simplifications of a previous scheme.

The lecture will be held on Sunday, 23.06.2019, at 13:30, Taub 337

הזמנה זו מהווה אישור כניסה עם רכב לטכניון