

2nd ARCADES SOFTWARE AND INDUSTRIAL WORKSHOP

MONDAY 28/1	
09:00 - 09:15	Welcome address
09:15 - 11:15	P. Alliez (INRIA) - "From optimal Delaunay triangulation to curved optimal Delaunay triangulation"
11:15 - 11:30	coffee break
11:30 - 13:00	ITI-CADfix
13:00 - 14:15	lunch break
14:15 - 15:45	ITI-CADfix
15:45 - 16:00	coffee break
16:00 - 17:30	ITI-CADfix
17:30 - 18:30	Supervisory Board meeting

	TUESDAY 29/1	WEDNESDAY 30/1	THURSDAY 31/1
09:15 - 10:45	F. Cirak - "Geometry and analysis models for generative design"	M. Sabin - "Field Analysis"	C. Politis - "IGA-BEM for Marine Hydrodynamics"
10:45 - 11:00	coffee break	coffee break	coffee break
11:00 - 12:30	ITI-CADfix	Fellows' presentations: - K. Gavrill (20') - "Panelling freeform architectural surfaces with developables" - A. Suarez (20') - "Skelton: skeleton-based modelling library with scaffolding and anisotropic convolution surfaces" - F. Patrizi (20') - "Fast and direct meshing of approximate volumes via Mean Value coordinates"	Fellows' presentations: - J. Legersky (30') - "Rigidity and Flexibility of Graphs in SageMath" - C. Laroche (20') - "A syzygy-based construction of a quadratic matrix representation of curves"
12:30 - 14:00	lunch break	lunch break	lunch break
14:00 - 15:30	L. Busé - "Syzygies and the geometry of Bézier curves and surfaces"	B. Mourrain - Axl	
15:30 - 15:45	coffee break	coffee break	
15:45 - 17:15	Laurent Rineau (Geometry Factory) - "CGAL"	C. Politis - "IGA-BEM for Marine Hydrodynamics"	
17:30 - 18:00	Educational Committee meeting		