

ARCADES Doctoral School November 2016

	Monday 28	Tuesday 29	Wednesday 30	Thursday 1	Friday 2
09:00		Tom Lyche (UiO) Introduction to splines	Tom Lyche (UiO), Vibeke Skytt & Heidi Dahl (SINTEF) LR-splines: theory and applications	Carlos D'Andrea (UB) Introduction to Computer Algebra	Kjetil Andre Johannessen (NTNU) Isogeometric analysis
10:30	Coffee break				
11:00		Torgunn Karoline Moe (UiO) Algebraic geometry for non-algebraic geometers	Helmut Pottmann (TU WIEN) Practical applications of theoretical geometry (in architecture)	Nelly Villamizar (RICAM) Algebraic geometry for splines	Group work Brainstorming around posters
					Presentation of group work
					Summing up
12:30	Lunch break				
13:30	Tor Dokken (SINTEF) History and future needs of CAD	Maria Lucia Sampoli (U. Sienna) Pythagorean-Hodograph (PH) curves and their application to Geometric modeling	Christian Arber (MISSLER) Lie Sphere Geometry and its applications in CAD	Excursion Museum of Science and Technology	
15:00	Coffee break				
15:30	Mike Floater (UiO) Geometric modelling	Stefan Boschert (SIEMENS) CAD for simulations	Group work Problems posed by industrial partners	Excursion Museum of Science and Technology	
17:00	Poster session	Supervisory board meeting	Presentation of group work	Meeting of the Educational Committee	

19:00 Welcome reception/dinner

Project dinner