

Seventh International Conference on Curves and Surfaces

[organized by SMAI-AFA](http://www.smai-afa.org)

Avignon - FRANCE
June 24 - 30, 2010

[Plan of Palais des Papes : http://www.palais-des-papes.com/anglais/cicsalles.html](http://www.palais-des-papes.com/anglais/cicsalles.html)

Thursday, June 24			
9h00-10h00	Plenary	Ron DeVore : Recovering Functions in High Dimensions	
10h00-10h30	Coffee break		
10h30-12h30	Session 1	Session 2	Session 3
	Michael Floater	Peter Binev	Masaki Moriuchi
	Gasper Jaklic	Thomas Hangelbroek	Madalina Hodoroj
	Vito Vitrih	Marshall Walker	David Bommes
	Yilmaz Simsek	Christophe Damerval	Jean-Marie Favreau
14h30-15h30	Plenary	Hans-Peter Seidel : Markerless Motion and Performance Capture of Human Actors from Sparse Multi-View Stereo	
15h30-16h00	Coffee break		
16h00-18h30	MiniSymposium organized by Shai Dekel Approximation problems in image processing	Session 2	Session 3
	Gitta Kutyniok	Rajai Alassar	Pawel Wozny
	Thierry Blu	Szilvia Bela	Michel Bercovier
	Jean-Marie Mirebeau	Michael Barton	Ashish Myles
	Michael Bronstein	Semra Saracoğlu	Miroslav Lavicka
	Shai Dekel	Carlotta Giannelli	Oliver Salazar Celis

Friday, June 25			
8h30- 9h30	Plenary	Partha Niyogi : Manifold Learning	
9h30-10h00	Coffee break		
10h00-12h30	MiniSymposium organized by Mathieu Desbrun Discrete differential geometry	Session 2	Session 3
	Peter Schroder	Paul Sablonnière	Jan Vrsek
	Max Wardetzky	Sara Remogna	Yannick Kerjosien
	Yiyang Tong	Giampietro Allasia	Martin Peternell
	Mathieu Desbrun	Arne Laksa	Tino Schulz
		Borre Bang	Hicham Bensoudane
14h30-16h30	Poster Session (including coffee break)		
	Christophe Avenel	Roberto Cavoretto	Alexandra De Rossi
	Barbara Di Fabio	Ruben Dorado	Françoise Foucher
	Xuli Han	Arnt Kristoffersen	Yeon Ju Lee
	Carla Manni	Eivind Lyche Melvaer	Eric Nyiri
	Juan Francisco Reinoso	Abid Saeed	Christian Walder
16h30-19h00	MiniSymposium organized by Gitta Kutyniok Sparse Approximation	Session 2	Session 3
	Andrew Thompson	Francesca Pelosi	Gaelle Andriamaro
	Karin Schnass	Emil Zagar	Yilmaz Dereli
	Simon Foucart	Miklos Hoffmann	Christoph Heinrich
	Matan Protter	Jorg Peters	Benjamin Duplex
	Gitta Kutyniok	Bohumir Bastl	

Saturday, June 26

8h30- 9h30

Plenary[Simon Masnou : Toward global minimizers for the discrete Willmore boundary problem](#)9h30-10h00
10h00-12h30

Coffee break

MiniSymposium[organized by Johannes Wallner](#)

Architectural Geometry

Session 2**Session 3**[Mark Pauly](#)[Simon Floery](#)[Niccolo Baldassini](#)[Helmut Pottmann](#)[Laurent Demaret](#)[Francesco Rossi](#)[Ugo Boscain](#)[Adina Ciomaga](#)[Julie Digne](#)[Christian Mueller](#)[Yutaka Ohtake](#)[Oleg Karpenkov](#)[Rimvydas Krasauskas](#)[Ying Yang](#)

14h30-17h30

MiniSymposium[organized by Pierre Alliez](#)Open Source Software
for Curves and Surfaces**Session 2****Session 3**[Gershon Elber](#)[Vibeke Skytt](#)[Jan Möbius](#)[Paolo Cignoni](#)[Gabriel Peyré](#)[Pierre Alliez](#)[Alexander Petukhov](#)[Dinh Dung](#)[Guergana Petrova](#)[Steven Damelin](#)[Wen-shin Lee](#)[Jeremy Levesley](#)[Serge Dubuc](#)[Andreas Weinmann](#)[Lucia Romani](#)[Carolina Beccari](#)[Stanislav Harizanov](#)[Yacine Boumazaid](#)**Sunday, June 27**

14h00-18h30

[Conference excursion](#)**Monday, June 28**

8h30-9h30

Plenary[Annalisa Buffa : IsoGeometric Analysis: local refinement and vector fields computation](#)9h30-10h00
10h00-12h30

Coffee break

MiniSymposium[organized by Holger Wendland](#)Radial Basis Functions, Kernel-based
and Meshfree Methods**Session 2****Session 3**[Rick Beatson](#)[Cécile Piret](#)[Christian Rieger](#)[Francis Narcowich](#)[Joe Ward](#)[Daniel Burkhart](#)[Charles Loop](#)[Scott Schaefer](#)[Masatake Higashi](#)[Romain Raffin](#)[Jianmin Zheng](#)[Ahmad Ramli](#)[Janick Martinez Esturo](#)[Vikash Gupta](#)[Yukie Nagai](#)

14h30-15h30

Plenary[Herbert Edelsbrunner : Applications of Persistent Homology: a Guide and a Survey](#)

15h30-17h30

Poster Session (including coffee break)[Wolfgang Aigner](#)[Mario Fioravanti](#)[Christiane Hespel](#)[Francesca Pitolli](#)[Igor Rychkov](#)[Franck Aries](#)[Leonardo Fernandez-Jambrina](#)[Dayan Liu](#)[Christophe Rabut](#)[Maria Santaquada](#)[Manuel Caroli](#)[François Guibault](#)[Lin-Tian Luh](#)[Christian Roessl](#)[Peter Zanaty](#)

17h30-19h00

MiniSymposium[organized by Holger Wendland](#)[Holger Wendland](#)**Session 2****Session 3****Session 1**[Wolfgang zu Castell](#)[Michael Johnson](#)[Solveig Bruvoll](#)[Anastasia Zakharova](#)[Dionisio F. Yanez](#)[Klaus Hoellig](#)[Ludmila Bourchtein](#)[Thien Nguyen](#)

Tuesday, June 29

8h30- 9h30

Plenary

[Bert Juttler : Medial Axis Computation of Planar and Spatial Domains](#)

9h30-10h00

Coffee break

10h00-12h30

Session 1

Session 2

Session 3

[Andrea Cerrì](#)

[Boris Kvasov](#)

[Kjell Fredrik Pettersen](#)

[Facundo Memoli](#)

[Tina Bosner](#)

[Jostein Brattlie](#)

[Yosi Keller](#)

[Rachid Ait-Haddou](#)

[Bonita Saunders](#)

[Silvia Biasotti](#)

[Kestutis Karciauskas](#)

[Hendrik Speleers](#)

[Claudia Landi](#)

[David Grossmann](#)

[Klaus Denker](#)

14h30-15h30

Plenary

[Michael Elad : Sparse and Redundant Representation Modeling of Signals:
Theory and Applications](#)

15h30-16h00

Coffee break

16h00-19h00

MiniSymposium

Session 2

Session 3

[organized by Kai Hormann](#)

Non-linear subdivision schemes

[Ron Goldman](#)

[Weivin Ma](#)

[Georges Klein](#)

[Nira Dyn](#)

[Juan Gerardo Alcázar](#)

[Chafik Allouch](#)

[Peter Oswald](#)

[Georgi Georgiev](#)

[Daniel Delahave](#)

[Johannes Wallner](#)

[Vladimir Garanzha](#)

[Mohamed Tahrichi](#)

[Thomas Yu](#)

[Rumen Uluchev](#)

[Jean-Paul Berrut](#)

Wednesday, June 30

8h30-10h30

MiniSymposium

Session 2

Session 3

[organized by Frédéric Chazal](#)

Geometry and Topology of Data

[Stephen Smale](#)

[Tomas Sauer](#)

[Oleg Davydov](#)

[Bruno Pelletier](#)

[Jinghao Huang](#)

[Fabien Rabarison](#)

[Frédéric Chazal](#)

[Qi Chen](#)

[Souleymane Kadri](#)

[Vin De Silva](#)

[Stefan Kiel](#)

[Irem Yaman](#)

10h30-

Coffee break

11h00-12h00

Plenary

[Niloy Mitra : 3D Geometry: Acquisition, Analysis and Manipulation](#)

2010/06/17