

27th IFIP TC7 Conference 2015 on System Modelling and Optimization

June 29 - July 3, 2015

SophiaTech Campus

Sophia Antipolis, France



Plenary Lectures

- «Bio-inspired imaging for medical applications» (H. Hammari)
- «Control methods for the optimization of plasma scenarios in a Tokamak» (J. Blum)
- «Stochastic derivative free algorithms for constrained optimization» (S. Gratton)
- «Shape and Topology Optimization via the Level Set Method» (F. Jouve)
- «Multiple Objective Optimization: Trading Off between Objectives, Constraints and Robustness Criteria» (K. Klamroth)
- «Fourier Methods and Second Order Weak Taylor Scheme for Backward Stochastic Differential Equations in Computational Finance» (K. Oosterlee)
- «On the modeling of clouds in the context of variational inequalities» (R. Temam)
- «Sparse Control Problems in Measure Spaces» (B. Vexler)



H. Hammari



J. Blum



S. Gratton



F. Jouve



K. Klamroth



K. Oosterlee



R. Temam



B. Vexler

26 Minisymposia in modelling and analysis of PDEs/ODEs, nonlinear optimization and control, stochastic optimization, multiobjective optimization, industrial applications...

Scientific Committee

G. Allaire	G. Di Pillo	A. Kalliauer	J. Outrata	D. Straub
A. V. Balakrishnan	Y. G. Evtushenko	B. Kaltenbacher	A. Palczewski	P. Toint
A. Borzi	J. Granat	H. Kameda	S. Scholtes	F. Tröltzsch
H. Cancela	J. Henry	I. Lasiecka	V. Schulz	L. Zadnik-Stirn
J. V. Carvalho	D. Hömberg	I. Maros	M. S. Squillante	J.-P. Zolesio
C. Clason	P. Kall	K. Marti	L. Stettner	

Important dates

Early registration:
April 02, 2015

Proceeding paper submission:
September 30, 2015

Organizing Committee

J.-A. Désidéri (Chair) L. Bociu C. Bonnet A. Cortell A. Habbal



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An event organized by

