

## Journées du GDR MOA

Guadeloupe, France  
21–24 Novembre 2016

<i>PROGRAMME</i>		
<i>Lundi 21 Novembre</i>		
<b>8h30 - 9h00</b>	<b>Accueil des participants et Allocutions</b>	
		<b>Animateur : Didier AUSSEL</b>
9h00 - 9h30	S. ADLY	Some historical aspects about Newton's method : from smooth to nonsmooth equations
9h30 - 10h00	M-A. RAGUSA	Direct methods for nonlinear elliptic problems
<b>10h00 - 10h30</b>	<b>Pause Café/Coffee Break</b>	
10h30 - 11h00	L. GLAUDIN	Fixed point framework with averaged operators and overrelaxed multi-step strategies for optimization
11h00 - 11h30	E. NDIAYE	Gap Safe screening rules for sparsity enforcing penalties.
11h30 - 12h00	Y. MARCELIN	A new concept of inner prederivative for set-valued mappings and its applications
<b>12h00 - 13h45</b>	<b>Déjeuner/Lunch</b>	
		<b>Animateur : Alain PIETRUS</b>
13h45 - 14h15	P. COMBETTES	Proximal methods for large dimensional statistical regression using perspective functions
14h15 - 14h45	S. SALZO	The variable metric forward-backward splitting algorithm under mild differentiability assumptions
<b>14h45 - 15h00</b>	<b>Pause Café/Coffee Break</b>	
15h00 - 15h30	E. CHOUZENOUX	Convergence analysis of a stochastic majorize-minimize memory gradient algorithm
15h30 - 16h00	A. SVENSSON	Is bilevel programming a special case of a mathematical program with complementary constraints? The pessimistic counterpart
<b>17h00</b>	<b>Départ pour le Cocktail</b>	

<i>Mardi 22 Novembre</i>		
		<b>Animateur : Patrick COMBETTES</b>
8h30 - 9h00	<b>D. AUSSEL</b>	Recent advances on Quasi-Variational Inequalities
9h00 - 9h30	<b>T. HAMAIZA</b>	A note on global numerical optimization based on chaotic maps
9h30 - 10h00	<b>F. NACRY</b>	Discontinuous sweeping process with prox-regular sets
<b>10h00 - 10h30</b>	<b>Pause Café/Coffee Break</b>	
10h30 - 11h00	<b>M. PONTIL</b>	New perspectives on $k$ -support and cluster norms
11h00 - 11h30	<b>C. MULLER</b>	Adaptive markov chain monte carlo methods for (non-)convex volume computation
11h30 - 12h00	<b>C. JEAN-ALEXIS</b>	Metric subregularity at an order $q$ and the solving of inclusions
<b>12h00 - 14h00</b>	<b>Déjeuner/Lunch</b>	
		<b>Animateur : Didier AUSSEL</b>
14h00 - 14h30	<b>T. CESAR</b>	Control rumor spreading with some external actions
14h30 - 15h00	<b>H. KRIM</b>	Bi-sparsity pursuit : a paradigm for robust subspace recovery
<b>15h00 - 15h30</b>	<b>Pause Café/Coffee Break</b>	
15h30 - 16h00	<b>E. DESTYL</b>	On the global behavior of solutions of a coupled system of nonlinear Schrodinger equations
16h00 - 16h30	<b>M. GAYDU</b>	A Newton iteration for differentiable set-valued maps
<i>Mercredi 23 Novembre</i>		
7h00	Programme social /Social program	Visit of Desirade's island
17h30	Retour à l'hôtel/Back to the hotel	

<i>Jeudi 24 Novembre</i>		
		<b>Animateur : Samir ADLY</b>
8h30 - 9h00	<b>M. CZARNECKI</b>	Asymptotic behavior of coupled dynamical systems with multiscale aspects
9h00 - 9h30	<b>A. CHERY</b>	Stability of marketable payoffs with re-trading
9h30 - 10h00	<b>L. MALLOZZI</b>	A bilevel optimization model for a location-allocation problem
<b>10h00 - 10h30</b>	<b>Pause Café/Coffee Break</b>	
10h30 - 11h00	<b>D. SALAS</b>	Characterizations of smoothness of metric projection onto nonconvex bodies in Hilbert spaces
11h00 - 11h30	<b>O. FERCOQ</b>	Restarting accelerated gradient methods with a rough strong convexity estimate
11h30 - 12h00	<b>A. BARBAGALLO</b>	A general quasi-variational approach for Cournot-Nash principle
12h00 - 12h30	<b>B. GIANCARLO</b>	Equilibria for semi-infinite programming
12h30	<b>Clôture</b>	
<b>12h45</b>	<b>Déjeuner/Lunch</b>	