

NCMIP
2015!

NCMIP 2015

5th International Workshop
on New Computational Methods for Inverse Problems

Institut Farman

Ecole Normale Supérieure de Cachan, FRANCE



May 29, 2015

13:30 - 14:30

POSTER SESSION

Parameter Identification by Iterative Constrained Regularization.

Fabiana Zama

Department of Mathematics, University of Bologna, Italy

Numerical solution of a nonlinear least squares problem in digital breast tomosynthesis.

Germana Landi¹, Elena Loli Piccolomini¹ and James G. Nagy²

¹Department of Mathematics, University of Bologna, Italy, ²Department of Mathematics and Computer Science, Emory University, Italy

Coupling Modified Constitutive Relation Error, Model Reduction, and Kalman filtering algorithms for Real-Time Parameters Identification.

Basile Marchand¹, Ludovic Chamoin¹ and Christian Rey²

¹LMT (ENS Cachan/CNRS/Paris-Saclay University), Cachan, France, ²SAFRAN TECH, Magny les Hameaux, France

An iterative algorithm for L1-TV constrained regularization in image restoration.

Ke Chen¹, Elena Loli Piccolomini² and Fabiana Zama²

¹Department of Mathematics, University of Liverpool, UK, ²Department of Mathematics, University of Bologna, Italy

A comparative assessment of information-exploitation techniques for GPR data inversion.

Marco Salucci¹, Lorenza Tenuti², Lorenzo Poli², Giacomo Oliveri² and Andrea Massa^{1&2}

¹Laboratoire des Signaux et Systèmes (L2S, UMR CNRS 8506), France, ²ELEDIA Research Center @ DISI, University of Trento, Italy

Image regularization for Poisson data.

Alessandro Benfenati and Valeria Ruggiero

Università di Ferrara, Italy

Best Feature Selection and Classification For Elbow Flexion And Extension Movements.

Rubiano Astrid^{1&3}, Jose Luis Ramirez Arias^{1&3}, Mohammed Nabil El Korso^{1&3}, Laurent Gallimard^{1&3}, Nicolas Jouandeau^{2&3} and Olivier Polit^{1&3}

¹LEME, Université Paris Ouest Nanterre La Défense, ²LIASD, Université Paris 8, ³Université Paris Lumière

PROGRAM

The workshop is endorsed by the following research networks



<http://gdr-isis.fr/>



<http://www.digiteo.fr/>



<http://gdr-ondes.u-bourgogne.fr/>



<http://gdrmoa.math.cnrs.fr/>



<https://fadili.users.greyc.fr/mia/>