



CENTRE NATIONAL
DE LA RECHERCHE
SCIENTIFIQUE

International Workshop on Non-Stationary Signal and Image Processing: Theory and Application

- 30th May 2014, COMM 2014 International Conference, Bucharest, Romania -

11h30-12h00: Marie CHABERT and Jean-Yves Tournet (*Professors Institut National Polytechnique de Toulouse, France*) ; David Bonacci (*Research Engineer, TESA laboratory, Toulouse France*)

Multivariate Statistical Distributions for Heterogeneous Remote Sensing Images

12h00-12h30: Jean-Christophe PESQUET (*Université Paris-Est/Labex Bezout*)

Proximal Optimization Methods for Non-stationary Signal Estimation

12h30-13h00: Guy D'URSO (*STEP / EDF R&D, France*)

Current R&D Activities of Acoustic Signal Processing in Energy Applications

13h00-14h00: *Lunch break*

14h00-14h30: Jean-Philippe OVARLEZ (*French Aerospace Lab / SONDRRA, France*) and Gabriel VASILE (*GIPSA-lab / CNRS, France*)

On the Use of Time-Frequency Analysis for Adaptive Target Detection in Highly Textured Mono-Dimensional Radar Images

14h30-15h00: Olivier MICHEL (*GIPSA-lab / Grenoble INP, France*), Mickael CARMONA (*CEA - Léti, France*) and Jean-Louis LACOUME (*GIPSA-lab / Grenoble INP, France*)

Passive Auto-Localization: Informational Approach and Bounds

15h00-15h30: Cornel IOANA (*GIPSA-lab / Grenoble INP*), Alexandru SERBANESCU (*"Lumina" University, Romania*), Angela DIGULESCU (*Military Technical Academy, Romania*), Olivier LE BOT (*GIPSA-lab / Grenoble INP, France*), Cédric GERVAISE (*GIPSA-lab / Chorus Foundation, France*) and Jérôme MARS (*GIPSA-lab / Grenoble INP, France*)

Non-Stationary Signal Analysis Using Phase Diagram-Based Techniques



Organizing committee^(*):

Alexandru SERBANESCU (*"Lumina" University / Military Technical Academy, Romania*)

Cornel IOANA (*GIPSA-lab / Grenoble INP, France*)

Gabriel VASILE (*GIPSA-lab / CNRS, France*)

^(*) This workshop is also part of the 20th edition of the PhD school "ETASM 2014" organized by the LAPI laboratory at the POLITEHNICA University of Bucharest, Romania.