

INDEX INSURANCE: RISK SHARING & CHALLENGES

September 16th, 2015

International Research Workshop

13:45 *Welcoming participants*

14:00 *Opening key note*, Jean-Michel Lasry, Institut Louis Bachelier

Session 1 : Economic & Managerial Challenges

Chairman: Yann Mercuzot, Pacifica

14:15 **Fail-safe Index Insurance: a Satellite based conditional audit approach**

Michael Carter, University of California

14:45 **Optimal Design of an Insurance Index**

Constance Collin & Didier Folus, Université Paris Ouest, CEROS

15:15 **Calibrating a Satellite-based forage index with actual farmer losses in the Dominican Republic**

Thomas Barré, University of California

15:45 *Coffee break*

Session 2 : Technical Perspectives

Chairman: Bruno Bouchard, Université Paris Dauphine

16:15 **Is Combining Remote Sensing and Climatic Data Interesting to Estimate Grassland Production ?**

Antoine Roumigué, INP Toulouse

16:45 **Processing Satellite Images to Retrieve Biophysical Information on Vegetation, application to Agriculture**

Hervé Poilve, Airbus Defence & Space

17:15 **Remote Sensing for Insuring East African Pastoralists: Overview and Index Design**

Anton Vrieling, University of Twente

17:45 **Closing : Micro-insurance & Development Issues**

Jean-Luc Perron, Grameen Credit Agricole Foundation

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