The fourth Joint French Macro Workshop, sponsored by the Banque de France Foundation, will take place in Toulouse, on June 5, 2013. Six papers in various fields of macroeconomics will be presented.

**Location:**
Université Toulouse 1 Capitole
Site des Anciennes Facultés
11 rue des Puits Creusés
31000 Toulouse
Room: Amphi Dupeyroux

**Program: Wednesday 5 June**

9h00-10h00   Kalin Nikolov (European Central Bank), “Financial Disintermediation and Financial Fragility” (with Kosuke Aoki)

10h00-11h00  Luca Fornaro (London School of Economics), “International Debt Deleveraging”

11h00-11h30  Break

11h30-12h30  Pedro Gomes (Universidad Carlos III), “Technological Change and the Composition of Taxes and Public Expenditures” (with Davide Debortoli)

12h30-13h30  Lunch

13h30-14h00  (TIGER Forum Opening Session)

14h00-15h00  George-Marios Angeletos (Massachusetts Institute of Technology), Keynote Speech: “Quantifying Animal Spirits”

15h00-16h00  Ander Perez (Universitat Pompeu Fabra and Barcelona GSE), “Credit Constraints, Firms’ Precautionary Investment, and the Business Cycle”

16h00-16h30  Break

16h30-17h30  Timo Boppart (Stockholm University IIES and University of Zurich), “Structural Change and the Kaldor Facts in a Growth Model with Relative Price Effects and Non-Gorman Preferences”

**Program chairs**
Olivier Loisel (CREST) and Romain Rancière (Paris School of Economics)
**Registration:**
If you wish to attend, please send an email to jointmacro@gmail.com before May 31. Please specify if you would like to attend the lunch on June 5 (subject to limitation).

**The Joint French Workshop in Macroeconomics**

The goal of this workshop is to bring together European macroeconomists to discuss current research frontiers on a regular basis. To encourage participation from young economists, we aim to reserve at least half of the presentation slots for economists who have completed their PhD no more than 6 years before.

Applications from economists from all European institutions are welcome, in all fields of macroeconomics. Theoretical and empirical contributions are equally welcome.

The workshop is a one day event, and takes place twice a year. The next workshop should take place in autumn 2013. Funding is available for presenters.

Please send a mail to jointmacro@gmail.com if you would like to be included in future communications about this workshop.

**Participating institutions**
CREST, École Polytechnique, Paris School of Economics, Sciences Po, Toulouse School of Economics

**Financial and logistic support**
Fondation Banque de France pour la recherche en économie monétaire, financière et bancaire