

BARCELONA GSE SUMMER FORUM 2020 CALL FOR PAPERS

The Barcelona GSE organizes the Eighth **Barcelona GSE Summer Forum**. The Summer Forum is a series of independent workshops that cover the main fields of Economics. The Summer Forum 2020 will take place from June 8 to June 19, 2020. The venue will be [Casa Convalescència](#) (Sant Antoni M^a Claret, 171, 08041 Barcelona)

More detailed information on the Summer Forum 2020 and the previous editions is available on <http://www.barcelonagse.eu/summer-forum.html>

We would like to invite you to submit a paper to the 2nd workshop:

COMPUTATIONAL AND EXPERIMENTAL ECONOMICS

The workshop will run for 2 days and will take place on **June 08-09, 2020** in Barcelona.

Brief description of the workshop

In this two days workshop we want to bring together researchers working in two still quite separate fields, computational economics and experimental economics, which, however, in recent years have seen a steady increase of fruitful interaction. The Handbook of Computational Economics, Heterogenous Agents, edited by Cars Hommes, Blake LeBaron, Volume 4, 2018, Elsevier, has produced the newest developments in both fields, yet more in parallel, i.e. in separate chapters, than through tied collaboration. Only a handful of researchers have worked in the intersection of both fields, despite their main common goals.

These include the understanding of the emergent dynamic properties of economic models which are too complex to be solved analytically, even when human behavior is captured by relatively simple heuristics, due to interactions out of equilibrium. Such models include Agent Based Modeling (ABM), models of learning based on genetic algorithm, Reinforcement models, and other learning models. While computational economics departs from simulations to derive their models, experimental economics uses human behavior and then simulation techniques to develop descriptive models of such behavior. Among the organizers Arifovic and Ledyard are one of the few researchers who have worked since more than 30 years on the intersection of these two fields. Nagel has worked on experimental economics and Herbert Dawid on computational economics. Arifovic together with John Duffy (University of Irvine) and Nagel together with Felix Mauersberger (PhD UPF, now postdoc at University of Bonn) were the contributors of the two experimental economic chapters in the forementioned Handbook. Nagel gave a keynote in the recent Computational and Economic Finance conference, Milan, June 2018. Arifovic was the president of this association:

The Keynote speaker for the workshop is:

- *John Duffy, University California, Irvine*
- *Scott Page, University of Michigan*

The **deadline for submissions** is **February 28, 2020**. To submit a paper, please use this link <https://app-summerforum.barcelonagse.eu>. Submissions should include either a full paper or

an extended abstract with the main results. Authors chosen to present papers will be notified approximately by mid-March. A preliminary program will be announced by mid-April.

Please note that the Barcelona Summer Forum is a series of independent workshops. When you submit your paper, you will be able to see the topics and dates of other workshops that will take place within the Summer Forum. **The same paper cannot be submitted to more than one workshop, but you are welcome to submit a different paper to another workshop.**

There is no registration fee, and meals during the workshop will be provided for participants.

The workshop organization will not be able to provide accommodation or travel support for speakers.

Workshop Organizers

- Jasmina Arifovic (Simon Fraser University)
- Herbert Dawid (Bielefeld University)
- John Ledyard (Caltech)
- Rosemarie Nagel (ICREA-Universitat Pompeu Fabra, and Barcelona GSE)