

## 42nd Annual Meeting of the AMASES

Association for the Mathematics Applied to Social and Economic Sciences

Naples, September 13-15, 2018

### Call for Extended Abstracts

#### Special Session: **VARIATIONAL APPROCHES TO PROBLEMS IN ECONOMIC THEORY**

We invite you to submit an extend abstract to the special session “**Variational Approches to problems in Economic Theory**” to be held at the AMASES 2018 Meeting. The special session deals with several economic problems which can be studied by using techniques derived by Variational Analysis. In particular, variational inequalities proved to be a very useful and powerful tool for investigation of solutions of many equilibrium problems in Economics, Financial Networks and Generalized Complementarity Problems. Several classical and new theories, such as those of Projected Dynamical Systems and Infinite Dimensional Duality, as well as research in discretized computational methods, have received a decisive impulse in order to offer effective solutions to hitherto unsolved problems.

For this reason, particular emphasis will be given to the development of the variational methods in order to study several economic problems. Therefore, the special session aims to present a review of research themes, methods and open problems together with outlines of the new research trends in all the above topics.

The extended abstract should be written in English and prepared according to the instructions provided at the abstract submission website:

<http://amases2018.uniparthenope.it/submissions.html>

Submissions intended for this special session should mention the session code **VA**. The extended abstract should be named as follows: **VA\_[surname of the presenting author].pdf**

#### Special session organizer:

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