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The scope of *Advances in Mathematical Economics* includes, but is not limited to, the following fields:

- Economic theories in various fields based on rigorous mathematical reasoning.
- Mathematical methods (e.g., analysis, algebra, geometry, probability) motivated by economic theories.
- Mathematical results of potential relevance to economic theory.
- Historical study of mathematical economics.

Authors are asked to develop their original results as fully as possible and also to give a clear-cut expository overview of the problem under discussion. Consequently, we will also invite articles which might be considered too long for publication in journals.

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Advances in Mathematical Economics

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Preface

This volume of *Advances in Mathematical Economics* is basically a collection of selected papers presented at the 6th Conference on Mathematical Analysis in Economic Theory, which was held in Tokyo January 26–29, 2015. The conference was organized by the Japanese Society for Mathematical Economics. On behalf of the organization committee of the conference, we would like to extend our cordial gratitude to the Keio Economic Society, the Top Global University Project, and the Oak Society, Inc. for their generous financial support. And of course, it is a great pleasure for us to express our warmest thanks to all the participants of the conference for their contributions to our project.

Professor C. Castaing's paper and T. Maruyama's paper were not read at the conference but are included in this issue.

This volume contains the whole programme as well as some photographs taken on this occasion.

December 14, 2015

S. Kusuoka, T. Maruyama
Managing Editors of *Advances in Mathematical Economics*
General Managers of the 6th Conference

We formerly classified our international research meetings into two categories, “conference” and “workshop”. However, we relinquish this distinction from now on for the sake of simplicity and just use the term “conference”.

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