



THIRD CONFERENCE ON STRUCTURAL DYNAMIC MODELS: APPLICATIONS OF STRUCTURAL DYNAMIC MODELS IN INDUSTRIAL ORGANIZATION, MARKETING, AND BUSINESS ANALYTICS

The conference will have a special focus on applications at the boundary of economics, marketing, and business analytics. In recent years, there has been a trend where academics with a background in economics, marketing, statistics, and computer science have taken industry positions and started to influence business decision-making using insights derived from their academic backgrounds.

CALL FOR PAPERS ([HTTP://EDITORIALEXPRESS.COM/CONFERENCE/DSE2019](http://editorialexpress.com/conference/dse2019))

We would like to announce the third Conference on Structural Dynamic Models: "Applications of Structural Dynamic Models in Industrial Organization, Marketing, and Business Analytics." This conference is part of an annual series of conferences, and follows last year's second Conference on Structural Dynamic Models, "Methodology and Applications of Structural Dynamic Models and Machine Learning," (<https://www.econ.ku.dk/cce/events/dynamics2018/>) that was held at the University of Copenhagen.

The conference will be held at the Booth School of Business, University of Chicago, July 10–11, 2019.

We invite both applied and methodological work on the implementation and estimation of structural dynamic models for individual decision making within, but not restricted to, the fields of industrial organization, marketing, business analytics, labor, public, health, development, environmental, and urban and regional economics. This includes papers on auction models, dynamic discrete choice models, dynamic optimization of business decisions (pricing, advertising, etc.), sequential learning, dynamic games and their applications to differentiated product demand, oligopoly equilibrium, etc. A clear link between the theoretical economic model and econometric model is desirable.

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SUMMER SCHOOL

The conference will be held in conjunction with the **Econometric Society Summer School in Dynamic Structural Econometrics (DSE)**. The DSE summer school provides students with tools and hands on computational instruction to carry out research in applied microeconometrics, with a strong emphasis on closely integrating economic and econometric theory in empirical work. We will discuss state of the art methods for solving and simulating dynamic programming models and estimating them, with a number of empirical applications to illustrate how these tools and methods are used in practice. Besides the core components, including single agent models, equilibrium models, and dynamic games, the course will also feature applications in industrial organization and marketing.

LEARN MORE ([HTTPS://DSECONF.ORG](https://dseconf.org))

PAPER SUBMISSION

We primarily invite submissions of complete papers, but will also consider submissions of extended abstracts (two pages). All submitted papers will be reviewed prior to acceptance for presentation. The scientific committee will finish the review process by May 3, 2019, and will notify applicants by email. Following the review process, a final program will be put together and posted at the conference website.

Deadline for submission: April 30, 2019

SUBMIT PAPERS ([HTTP://EDITORIALEXPRESS.COM/CONFERENCE/DSE2019](http://editorialexpress.com/conference/dse2019))



FORMAT OF PRESENTATION AND DISCUSSION

The conference will consist of plenary sessions only. Most speakers will have forty-five minutes each including discussion. To make room for more papers we may convert a few slots in the program into shorter fifteen-minute contributed presentations combined with subsequent posters sessions.

The conference program, further details and updates will be posted on the conference website: TBD

TRAVEL AND ACCOMMODATION

Participants are expected to cover their own travel and accommodation costs. Arrangements for preferential rates at a range of hotels will be posted on the conference website.

PROGRAM COMMITTEE

- Jaap Abbring (Tilburg University)
- Paul Ellickson (University of Rochester)
- Günter J. Hitsch (Chicago Booth)
- Ali Hortaçsu ([University of Chicago](http://go.uchicago.edu/sitecore/shell/Applications/Content%20Editor.aspx?sc_bw=1&fo=%7b834C374C-ED40-46FC-ADDF-FD4BB40B4475%7d))

- Fedor Iskhakov (Australian National University)
- Michael Keane (University of New South Wales)
- Dennis Kristensen (University College London)
- Carl Mela (Duke University)
- Sanjog Misra (Chicago Booth)
- Harikesh Nair (Stanford University)
- Aureo de Paula (University College London)
- John Rust (Georgetown University)
- Bertel Schjerning (University of Copenhagen)