

**CALL FOR PAPERS**  
**Second Mini symposium on *Stochastic Models: Methods and Applications***  
**(SAMMA 2017)**

in conjunction with the *15th International Conference of Numerical Analysis and Applied Mathematics (ICNAAM 2017)*, 25-30 September 2017, Met Hotel, Thessaloniki, Greece

The aim of this symposium is to promote research results in the development and analysis of stochastic models arising among others in communication systems, manufacturing, production, service operations, supply chain/inventory management, and biological systems. Its scope includes both methodological and computational advances. In particular, it aims to bring together researchers working both on the theoretical, algorithmic and computational aspects of the methods applied in stochastic models, and on the applications of such methods across a broad spectrum of research fields.

The topics include but not limited to the following:

- Matrix analytic methods
- Queueing models and scheduling disciplines
- Markov processes
- Markov additive processes
- Markov decision processes
- Risk Processes
- Level-dependent structured Markov chains (e.g. QBD, M/G/1, G/M/1, etc.)
- Stochastic biological models
- Performance models for telecommunications and information systems
- Stochastic models for power-saving policies in communication systems
- Performance models for call centers
- Computational methods
- Supply chain models
- Reliability analysis
- Stochastic models in manufacturing
- Production and inventory management
- Fluid and diffusion limits
- Multidimensional Markov chains

**Submissions:** Indicate your interest in presenting a paper by submitting an extended abstract (3-4 pages) by **July 20, 2017** by email to the organizers:

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Eleni Vatamidou (Eleni.Vatamidou@unil.ch)

**Urgent Notice:** Since there were questions raised about the normal registration and notification of acceptance (**normal registration expires at 16 June 2017, late registration expires at 1 August 2017**, and the notification of acceptance is programmed for 30 July 2017), the following must be made clear: If the fees have been paid (normal-late registration prices) **and the paper is not accepted for presentation/publication, then the fees will be returned in their entirety.**

Submitted manuscripts will be sent to reviewers upon receipt regardless of the deadline. Authors will be notified of the acceptance or rejection of their paper by **July 30, 2017**. At least one author of each accepted paper is expected to participate in the workshop. Instruction for the authors can be found in <http://icnaam.org/abstract.htm>, and further information about important dates here.

Accepted papers will be included in the AIP Conference Proceedings of ICNAAM 2017. The American Institute of Physics (AIP) Conference Series is a very well known series of Conference Proceedings, which is included in the leading databases of scientific & engineering literature including Inspec, Scitation, ISI Web of Knowledge, MathSciNet, Scopus, Google Scholar. The Volumes of AIP Conference Proceedings are immediately available online.

Moreover, selected full papers of ICNAAM 2017 will be published in

- Journal of Numerical Analysis, Industrial and Applied Mathematics (JNAIAM) (Promacon), which is the official journal of European Society of Computational Methods in Sciences and Engineering.
- Mathematical Methods in the Applied Sciences (Wiley & Sons)
- Applied Mathematics & Information Sciences (AMIS). The Appl. Math. Inf. Sci. is reviewed and indexed in the Mathematical Reviews, MathSciNet, EBESCO, AMS, Scopus and Zentralblatt fur Mathematik databases. Guest Editor: Prof. Dr. Theodore E. Simos, Chairman ICNAAM.

Further information about SAMMA 2017 can be found in <http://idimit.wixsite.com/samma-icnaam17>.