

Maria Vlasiou is an Associate Professor in the Department of Mathematics and Computer Science at the Eindhoven University of Technology (TU/e), a research fellow of the European research institute Eurandom, and scientific staff member of CWI. She received her B.Sc. (2002, Hons.) and Ph.D. (2006) from the Aristotle University of Thessaloniki and TU/e, respectively. In 2006 she moved to the H. Milton Stewart School of Industrial and Systems Engineering, at the Georgia Institute of Technology, where she first worked as a Research Engineer and later on as a Postdoctoral Fellow.

Her research interests centre around stochastic processes and stochastic operations research. Her research focuses on the performance of stochastic processing networks with layered architectures and on perturbation analysis for heavy-tailed risk models. Other interests include Lévy processes, large deviations for non-monotone stochastic recursions, and proportional fairness in heavy traffic for bandwidth-sharing networks. She has supervised four PhD theses on these topics.

In the past few years since her graduation, Dr. Vlasiou has been invited to more than 20 foreign universities for collaboration and seminars. She has been associate editor in two journals and has refereed for about 45 international journals, conferences, and national science foundations. Dr. Vlasiou's research so far has been funded by grants from more than 10 science foundations, universities, societies, and organisations. She is the co-author of more than 30 refereed papers, the co-recipient of the best paper award in ICORES 2013, the Marcel Neuts student paper award in MAM8, and of the 3<sup>rd</sup> prize of the 8th conference in Actuarial Science.