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ON

**ANALYTICAL AND STOCHASTIC MODELLING  
TECHNIQUES AND APPLICATIONS**

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Applications**

**Executive Editor**

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# **12<sup>th</sup> International Conference on Analytical and Stochastic Modelling Techniques and Applications**

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## Preface

This is the 12<sup>th</sup> Analytical and Stochastic Modelling Techniques and Application Conference, the fifth since it took its current name and became totally independent and one of the most important conferences in the field. The best guarantee is that the conference committee today contains so many prominent names in the field of analytical modelling and queueing theory. Since its first appearance as a small track within the European Simulation Multiconference in 1995, it has been steady improving in both quality and number of submitted papers. However, we also attempted to restrict the number of accepted papers to keep the single track style in order to achieve the best possible interaction between the participants.

This year's conference witnessed two major developments. The first is the approval of the technical co-sponsorship of the IEEE United Kingdom and Republic of Ireland Computer Chapter as recognition to the high quality of the conference. This means that the conference will be publicised on the IEEE website. This approval, however, came after the paper submission deadline. We believe its real effect will be seen in next year's conference that will be held in Bonn, Germany. Secondly, the conference has been recognised as an affiliated conference of the EC IST COST 290 Action on "Traffic and QoS Management of Wireless Multimedia Networks".

Another important success is the role ASMETA played in the formation of the new European Council for Modelling and Simulation and the change of the name of the ESM conference into the European Conference on Modelling and Simulation. It was a pleasure to see the recognition of the importance of modelling to be first. This will definitely make the chance for a continued joint organisation of the two conferences in the future much better.

The programme of ASMETA05 comprises 27 papers and one invited tutorial. The tutorial title will be "Network Calculus" presented by Dr. Ulrich Klehmet from the University of Erlangen representing one of the main centres of excellence in the topic in Europe. The flavour of the programme is a little bit more theoretical this year than in the past two years. The influence of the proximity of the conference site (the beautiful Riga) to the traditional strong schools of analytical modelling is very clear. It has been a real pleasure to be able to attract that much high quality papers. Of course, we also appreciate the high quality papers received from several European countries and from as far as Australia. Every paper was reviewed by at least two (in most cases by three) reviewers. The reviewers were truly wonderful this year and in most of the cases the reviews provided valuable comments that contributed to increasing the quality of the final versions of the papers. Therefore, I would like to express my deep attitude and appreciation to members of the International Programme Committee and all the reviewers for the excellent work.

Thanks are due to Galina and Yuri Merkurjev for the excellent organisation. Also, I would like to thank Martina Seidel again for the support in the process of receiving some papers that missed their way.

Last but not least thanks to my employer, the University of Glamorgan, for giving me the time and freedom to accomplish this job.

I wish you all a very pleasant stay in Riga and fruitful discussion during the conference.

Khalid Al-Begain  
ASMETA 2005 Conference Chair



# Content

<b>Preface</b>	<b>v</b>
<b>ASMTA05 Session 1: Queueing systems</b>	
ASMTA05-11 – Extended Paper Analysis of Discrete-Time Multiserver Queues with Constant Service Times and Correlated Arrivals <i>Peixia Gao, S. Wittevrongel and H. Bruneel</i>	1
ASMTA05-33 The Map/Msp/1/R Queueing System with Background Customers <i>Pavel Bocharov, Rosanna Manzo and Leonid Shlumper</i>	9
ASMTA05-35 Non-Stationary Characteristics of The Queueing Systems with Foreground-Background Processor Sharing Discipline <i>C. D'Apice, A.V. Peckinkin and S. Salerno</i>	13
ASMTA05-18 – Extended Paper Transient Analysis of A Discrete-Time Priority Queue <i>Joris Walraevens, Dieter Fiems and Herwig Bruneel</i>	17
<b>ASMTA05 Session 2: Communication Networks</b>	
ASMTA05-12 Analysis of TCP Algorithms in the Reliable IEEE 802.11b Link <i>Lukas Pavilanskas</i>	25
ASMTA05-13 A Heuristic Algorithm for Capacity Sizing of Fixed Routing Multiservice Erlang Loss Network <i>Zdenko Vrdoljak and Mladen Kos</i>	31
ASMTA05-19 Evaluation of GPRS Enabled Secure Remote Patient Monitoring System <i>K Malhotra, S Gardner, D Rees</i>	41
ASMTA05-20 Dynamic Tree-Like Structures in P2P-Networks <i>Herwig Unger and Markus Wulff</i>	49
ASMTA05-25 Optimal Call Admission Control and Bandwidth Adaptation in Multimedia Cellular Mobile Networks <i>Glauco H.S. Carvalho, Carlos R. L. Francês, João C. W. A. Costa, Rita C. M. Rodrigues and Solon V. Carvalho</i>	55

## **ASMTA05 Session 3: Optimisation and Control I**

ASMTA05-02 - Extended paper  
Estimation of Warranty Period for Fatigue-Sensitive Aircraft Structure Components 61  
*Konstantin N. Nechval, Nicholas A. Nechval and Edgars K. Vasermanis*

ASMTA05-03  
Inspection Policies for Fatigue-Sensitive Components in Aircraft Service 71  
*Konstantin N. Nechval, Nicholas A. Nechval and Gundars Berzins*

ASMTA05-16  
Constraint Multi-Objective Optimisation of a Controller for a Highly  
Nonlinear Aeroelastic Structure – Testbed Design 77  
*Hossien S. Zadeh*

ASMTA05-17  
Constraint Multi-Objective Optimisation of a Controller for a Highly  
Nonlinear Aeroelastic Structure – Methodology 82  
*Hossien S. Zadeh*

## **ASMTA05 Session 4: Methodology**

**ASMTA05 Tutorial (Double Slot)**  
**Introduction to Network Calculus 89**

*Ulrich Klehmet, University of Erlangen-Nuremberg*

ASMTA05-15  
Stochastic Model of an Adaptive Samuel-Marshall Type Single Component Market 91  
*Vineta Minkevica and Karlis Sadurskis*

ASMTA05-22  
Resampling-Approach to One Task of Comparison of Two Renewal Processes 94  
*Helen Afanasyeva*

## **ASMTA05 Session 5: Markov models and solutions**

ASMTA05-26  
About Analysis and Modelling of the Open Message Switching System 101  
*S. Minkevicius and G. Kulvietis,*

ASMTA05-29  
A Fast Matrix-Analytic Approximation for the Two Class GI/G/1  
Non-Preemptive Priority Queue 105  
*Gabor Horvath*

ASMTA05-30  
Novel Queueing Model for Multimedia over Downlink in 3.5G Wireless Network 111  
*Khalid AL-Begain, Alexander N. Dudin and Vilena Mushko*

ASMTA05-34  
Automatic Creation of Numerical Models of Systems Specified by PLA Method 118  
*H.Pranevicius, G. Tumelis and V. Germanavicius*



## ASMTA05 Session 6: Analysis in Simulation

ASMTA05-04 A SS-SVM Approach to Generate Synthetic Network Delays <i>José A. Hernández, Iain W. Phillips and Javier M. Moguerza</i>	125
ASMTA05-10 CINSim: A Component Based Interconnection Network Simulator for Modelling Dynamic Reconfiguration <i>Dietmar Tutsch, Daniel L. Rudtke, Arvid Walter and Matthias Kuhm</i>	132
ASMTA05-14 Efficiency Analysis of Trace-Driven Simulation by Use of Embedded Semi-Markov Processes <b>Alexander Andronov</b>	138
ASMTA05-24 On Application of the Sufficient Empirical Averaging Method to System Simulation <i>Alexander Andronov, Catherine Zhukovskaya and Evgeniy V. Chepurin</i>	144

## ASMTA05 Session 7: Optimisation and Control II

ASMTA05-21 On An Inventory Control Models with Random Lead Time and Random Demand <i>Eugene Kopytov and Leonid Greenglaz</i>	151
ASMTA05-28 Parametric Adaptation of Associative Control <i>Al. Matvejevs and An. Matvejevs</i>	155
ASMTA05-23 Applications of Stochastic Optimisation in Non-Linear and Discontinuous Design Spaces <i>Lorenz Drack and Hossein S. Zadeh</i>	160
ASMTA05-01 Constrained Optimization in Newsboy Problems under Uncertainty via Statistical Inference Equivalence Principle <i>Nicholas A. Nechval and Konstantin N. Nechval</i>	166
<b>Author Index</b>	<b>173</b>

