

Performance Modelling and Evaluation of Heterogeneous Networks

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EDITOR
Tadeusz Czachórski

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Institute of Theoretical and Applied Informatics
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Bałtycka 5, 44-100 Gliwice, POLAND
www.iitis.gliwice.pl

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pts@iitis.gliwice.pl,
Phone: +48 32 231 73 19 ext 218; Fax: +48 32 231 70 26

Joanna Domańska
Sławomir Nowak

Cover designed by Krzysztof Grochla

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PREFACE

The HET-NETs conferences aim to motivate fundamental theoretical and applied research into the performance modelling, analysis and engineering of evolving and converging multi-service networks of diverse technology and the next generation Internet (NGI). It's goal is to bring together the networking scientist and engineers from both academia and the industry, to share the knowledge on performance evaluation of heterogeneous networks. The conferences are concentrating mainly on the following topics:

- Traffic Modelling, Characterisation and Engineering
- Experimental Performance Validation and Measurement Platforms
- Broadband Access and TCP Performance Prediction
- Numerical, Simulation and Analytic Methodologies
- QNMs with Blocking, Switching QNMs
- Performance Modelling and Congestion Control
- Optimal Broadcasting and Multicasting Schemes
- Performance issues in Optical and Sensor Networks
- Performance Evaluation and Mobility Management in Wireless Networks
- Overlay Networks
- Wireless and Multihop Ad-Hoc Networks (MANETs)
- End-to-End Quality of Service (QoS) in Heterogeneous Networks
- Quality Feedback for Perceived Service Dependability
- Performance Related Security Mechanisms

The proceedings of Sixth International Working Conference on Performance, Modelling and Evaluation of Heterogeneous Networks HET-NETs 2010, 14 - 16 January 2010, Zakopane, Poland contain 34 contributions grouped in five parts corresponding to the conference sessions and presented in chronological order. The articles are preceded by abstracts of 6 keynote lectures which our eminent Colleagues kindly agreed to present. These talks present the state of the art of various important performance evaluation issues.

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Tadeusz Czachórski

