



## Session 24

# APPLICATIONS OF QUEUEING THEORY IN MODELLING AND PERFORMANCE EVALUATION OF COMPUTER NETWORKS

Organiser: Krzysztof Grochla

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Wojciech M. Kempa, Queue-size distribution in energy-saving model based on multiple vacation policy  
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Oleg Tikhonenko, Performance evaluation of queueing systems with random capacity demands and bounded buffer space  
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Vladimir Vishnevsky, Vladimir Rykov, On an application of quality of service characteristics of stochastic networks with dependent service times  
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Ivanna Droniuk, Maria Nazarkevych, Ateb transform as the generalization of Fourier transform  
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Alexandre Brandwajn, Tulin Atmaca, Hind Castel, Preliminary results on the accuracy of a simple approximate solution for Ph/Ph/c/K queues  
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