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Define new performance evaluation tools, including measurement and monitoring tools as well as modeling and analytic techniques
Provide new insights into the performance of computing and communication systems
Introduce new application areas where performance evaluation tools can play an important role and creative new uses for performance evaluation tools.

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- System reliability
- System tuning and capacity planning
- Wireless and sensor networks
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- Network science

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- Stochastic geometry
- Large deviations
- Mean-field theory
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- Equilibrium analysis

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INTRODUCTION
Topics are drawn from, but are not restricted to, the following areas:

• Performance studies of computers, computer communications, telecommunications and distributed systems
• Resource allocation and control methods and algorithms (e.g. routing and flow control in networks, bandwidth allocation, processor scheduling, memory management)
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