Model-Based Self-Aware Performance and Resource Management

**Modeling and Extracting Load Intensity Profiles**. ACM Transactions on Autonomous and Adaptive Systems (TAAS), 2017

S. Kounev, J. O. Kephart, A. Milenkoski, and X. Zhu. (eds.)

1st **Workshop on Self-Aware Computing Systems (SeAC)**
co-located with ICAC 2017, by Samuel Kounev and Nikolas Herbst

**Evaluation of Intrusion Detection Systems in Virtualized Environments** by Aleksandar Milenkoski

**Flexible Modeling of Data Center Networks for Capacity Management** by Piotr Rygielski

**Self-Aware Resource Management in Virtualized Data Centers** by Simon Spinner

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**New Papers**

- **PMX**
  - performance model extraction
- **Ganymede**
  - hybrid auto-scaling
- **Telescope**
  - hybrid forecasting

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**New Theses**

**New Tools**

**Team Updates**

Prof. Alexandra Dimitrenko
Sichere Softwaresysteme

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S. Kounev