

Data Streams and Event Processing

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The processing of continuous data sources has become an important paradigm of modern data processing and management, covering many applications and domains such as monitoring and controlling networks or complex production system as well complex event processing in medicine, finance or compliance.

- Data streams
- Event processing
- Case Studies and Real-Life Usage
- Foundations
 - Semantics of Stream Models and Languages
 - Maintenance and Life Cycle
 - Metadata
 - Optimization
- Applications and Models
 - Statistical and Probabilistic Approaches
 - Quality of Service
 - Stream Mining
 - Provenance
- Platforms for event and stream processing, in particular
 - CEP Engines
 - DSMS
 - "Conventional" DBMS
 - Main memory databases
 - Sensor Networks
- Scalability
 - Hardware acceleration (GPU, FPGA, ...)
 - Cloud Computing
- Standardisation

In addition to regular workshop papers, we invite extended abstracts to cover hot topics, ongoing research and ideas that are ready to share and discuss, but maybe not ready to publish yet.

1 Workshop co-chairs

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2 Program Committee

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