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Third Workshop on Bio- and Self-Inspired Algorithms for Distributed Systems, Karlsruhe, Germany

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 Germany

Computer systems are characterised by an ever-growing complexity and pronounced distributed nature. Centralised or hierarchical architectures are becoming impractical because they have poor scalability and fault-tolerance characteristics. Decentralised architectures and algorithms, for example P2P and Grid systems, are increasingly popular, but they need new types of algorithms to be managed efficiently.

Bio-inspired algorithms and systems are routinely applied to hard and extensive problems in a variety of areas. Some examples are optimisation problems solved with genetic algorithms, routing strategies inspired by honey bee behaviour, resource discovery and data mining computations in Grid, Cloud and P2P frameworks, achieved by ant-inspired algorithms, and so on.

This full day workshop aims to gather scientists, engineers, and practitioners to share and exchange their experiences, discuss challenges, and report state-of-the-art and in-progress research on bio-inspired algorithms and systems.

For further information, please visit: <http://bads.icar.cnr.it/> 

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