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**The Eighth International Conference on Future Computational  
Technologies and Applications  
FUTURE COMPUTING 2016**

**March 20 - 24, 2016 - Rome, Italy**

<http://www.aria.org/conferences16/FUTURECOMPUTING16.html>

**Important deadlines:**

Submission (full paper)	November 3, 2015
Notification	December 27, 2015
Registration	January 15, 2016
Camera ready	February 10, 2016

**Tracks:**

**Memristor-based Computation and Technologies**

**Computational intelligence strategies**

Cognitive computing; Intelligent computation; Ambient computing; Unconventional computing; Indeterminist computing; Adaptive computation; Autonomic computation; Computation under uncertainty; Chaotic computation; Intentional computing; Anticipative computing; Evolutionary computing

**Mechanism-oriented computing**

Spatial computation; Elastic computing; Human-centered computing; Embedded computing; Entertainment computing; Time-sensitive/temporal computing; Soft computing (fuzzy logic, neural computing, evolutionary computation, machine learning, and probabilistic reasoning + belief networks, + chaos theory + learning theory)

**Large-scale computing strategies**

Distributed computing; Parallel computing; Macro- and micro-computing; Activity-based computing; Data intensive computing; Resource-constraint computing; Grid computing; Cloud computing; Cluster computing; On-demand computing; Ubiquitous/pervasive computing; Memristor Computing; Unconventional computing; Evolutionary computing

**Computing technologies**

Quantum computing; Optical computing; DNA (genetic) computing; Molecular computing; Reversible computing; Billiard Ball computing; Neuronal computing; Magnetic computing; Gloopware computing; Moldy computing; Water wave-based computing; Graphene-based computing

**Quantum Computing**

Quantum computing models; Quantum complexity theory; Qubits; Non-deterministic and Probabilistic Computers; Quantum algorithms; Quantum computational operations; Scalable quantum computing; Quantum teleportation; Quantum cryptography; Quantum simulation; Quantum decoherence; Quantum gravity; Physical implementation of quantum computers

**Technology-oriented computing**

Peer-to-Peer computing; Mobile computing; Sensor-based computing; Wireless computing; Trusted computing; Financial computing; Genetic computation