Important deadlines:
Submission (full paper)       June 20, 2010
Notification                        July 31, 2010
Registration                         August 15, 2010
Camera ready                        August 20, 2010

Tracks:

Logics
Reasoning logics; Fuzzy logics; Semantic logics; Temporal logics; Emotion logics; Ambiant logics; Modal logics;
Description logics; Computational tree logic; Computational logics and constraints; Quantum computational logics;
Executable computational logics; Monadic computational logics; Many-valued computational logics; Computability
logic

Algebras
Computational algebras; K-theories, C*-algebras, Index theory; Algebraic and topological K-theory; Geometric
group theory and group C*-algebras; Noncommutative geometry and topology; Pseudodifferential operators on
singular manifolds; Topological invariants of non-simply connected manifolds; Deformation quantization; Lambda
calculus; Relation algebra; Algebras for symbolic computation; Constructive algebras

Advanced computation techniques
Machine learning; Fuzzy theory/computation/logic; (Artificial) neuronal networks; Distributed artificial intelligence;
Genetic algorithms; Analytic 'tableaux'; Autonomous agent-based techniques; Knowledge-based systems and
automated reasoning; Logical issues in knowledge representation /non-monotonic reasoning/belief; Dempster-
Shafer theory; Concurrent computation and planning; Deduction and reasoning

Specialized programming languages
Logic programming; Specialized computation languages; Real-time computation languages; Embedded-computing
languages; Programming semantics; Content-driven programming; Multimedia-oriented programming; Context-
driven programming; Service-oriented programming; Pattern-oriented programming; Regenerative programming;
Progressive programming; Sensing-oriented programming; Mobile-ubiquity-oriented computing; Compilation
issues

Tools for distributed computation
Platforms for distributed computing; Specification and verification of programs and systems; Techniques for cloud
computing; On-request resource allocation mechanisms; Security and privacy techniques; Computational
benchmarking metrics, criteria and methodologies; Distributed debug and on-fly repairing; Inference of schemas,
integrity constraints in computational applications; Real-world applications, experiments, projects