Annual International Conference on
Biologically Inspired Cognitive
Architectures
Arlington, Virginia: November 5–6
(Saturday-Sunday), 2011
with reception and a workshop on Nov 4th
sponsored by the BICA Society
Co-located with AAAI Fall Symposium Series
(Nov 4-6), + AI Funding Seminar (Nov 3), and
the Society for Neuroscience Annual Meeting
(November 12-16, Washington, DC)

CALL FOR PAPERS
The challenge of creating a real-life
computational equivalent of the human mind
calls for our joint efforts to better understand at
a computational level how natural intelligent
systems develop their cognitive and learning
functions. The scope of BICA 2011 includes:
- BICA models of robust learning mechanisms;
- models of perception, cognition and action;
- emotional and social intelligence in artifacts;
- vital constraints informed by neuroscience,
- human-like episodic and semantic memory;
- metacognition, human-like self-regulated
learning, bootstrapped and meta-learning;
- language acquisition and symbol grounding;
- the “critical mass” for cognitive growth in a
learning environment, scalability of learning;
- the roadmap to solving the challenge.

Confirmed speakers include Murray Shanahan,
Christian Lebiere, Antonio Chella, Stuart Shapiro,
Keith Downing, Brandon Minnery, David Noelle,
Frank Ritter, Jeff Krichmar, David Vernon, Scott
Fahlman, Amy Kruse, Art Pope, Brandon Rohrer.

Submission categories are: abstracts, extended
abstracts, position papers and research papers,
up to 6 pages free. Information about the event,
submission, format, registration, lodging, local
arrangements, meals, socials, etc. can be found
at http://bicasociety.org/2011/. We are looking
forward to seeing you in Arlington in November,

-- Alexei Samsonovich and Kamilla Jóhannsdóttir, BICA 2011 Chairs