

## [AAAI 2008 Fall Symposium Series](#)

Arlington, Virginia — November 5–7, 2009

### Biologically Inspired Cognitive Architectures - 2009

#### --- DISCUSSION PANEL PROPOSALS ---

We solicit proposals for brief comments/presentations (3 to 5 minutes maximum) to be included in the following proposed discussion panels to be organized as part of BICA-2009. The number, titles and topics of discussion panels are not finalized and subject to change: your suggestions are most welcome. Please, send all proposals to [samsonovich@cox.net](mailto:samsonovich@cox.net) (for the Joint Discussion Panel on Future Funding of Research in Learning Technologies, please see <http://binf.gmu.edu/~asamsono/bica/bica2009mces2009.pdf>).

Proposed Discussion Panel Title	Leaders-Organizers	Topics / Agenda
<b>'B' in BICA</b>	Christian Lebiere(?) Tsvi Achler(?)	<ul style="list-style-type: none"><li>• Vital biological constraints and their leverage in cognitive growth</li></ul>
<b>Emotions in Artifacts</b>	Eva Hudlicka (Psychometrix Associates, Blacksburg, VA, <a href="mailto:hudlicka@ieee.org">hudlicka@ieee.org</a> ) Rodrigo Ventura (Institute for Systems and Robotics, Lisbon, Portugal, <a href="mailto:yoda@isr.ist.utl.pt">yoda@isr.ist.utl.pt</a> )	<ul style="list-style-type: none"><li>• What is the role of emotions in intelligent cognitive agents?</li><li>• What is the relation between emotions and consciousness?</li></ul>
<b>Critical Mass and The RoadMap</b>	David Noelle (University of California, Merced, <a href="mailto:dnoelle@ucmerced.edu">dnoelle@ucmerced.edu</a> )	<ul style="list-style-type: none"><li>• Scalability and the 'critical mass' of bootstrapped learning in BICA</li><li>• Tests, metrics and milestones on the roadmap to a human-level learner</li></ul>
<b>Philosophical Foundations of Machine Consciousness</b>	TBA	The initial set of questions is outlined in the draft of a paper available from <a href="mailto:Peter.Boftu@sg.h.waw.pl">Peter Boftu</a> ( <a href="mailto:pboltu@sg.h.waw.pl">pboltu@sg.h.waw.pl</a> , <a href="mailto:pbolt1@uis.edu">pbolt1@uis.edu</a> )