

ICAC'07 Panel Session

Web 2.0 for Autonomic Computing:
a Panacea or a Replacement

Panelists

- Dave Cohen, Merrill Lynch
- Alexander Dreiling, SAP
- Rich Friedrich, HP
- Katia Sycara, CMU
- (Venkat Raju, British Telecomm)

Bios

- [Katia Sycara](#) is a Research Professor in the [School of Computer Science](#) at [Carnegie Mellon University](#) and holds the Sixth Century Chair (part time) in Computing Science at the University of Aberdeen in the U.K. She is also the Director of the [Laboratory for Agents Technology and Semantic Web Technologies](#) at CMU. She holds a B.S. in Applied Mathematics from Brown University, M.S. in Electrical Engineering from the University of Wisconsin and Ph.D. in Computer Science from Georgia Institute of Technology. She holds an Honorary Doctorate from the University of the Aegean (2004). Prof. Sycara is a Fellow of the Institute of Electrical and Electronic Engineers (IEEE), Fellow of the American Association for Artificial Intelligence (AAAI) and the recipient of the 2002 ACM/SIGART Agents Research Award. She is also the recipient of the Outstanding Alumnus Award from the University of Wisconsin in 2005. She is a member of the Scientific Advisory Board of France Telecom, and a member of the Scientific Advisory Board of the Greek National Center of Scientific Research "Demokritos" Information Technology Division.
- Dave Cohen works in the central IT organization at Merrill Lynch. Reporting directly to the head of Architecture & Engineering, Dave's focus is on advanced technology. Beyond a focus on low latency/high throughput communication and high performance computing, lately he spends an inordinate amount of time thinking about power and cooling issues.
- Dr. Alexander Dreiling is a Senior Researcher at SAP Research in Brisbane. He received his MSc and PhD in Information Systems from the University of Münster in Germany. Prior to joining SAP Research he worked for the European Research Center for Information Systems in Münster, Germany and Queensland University of Technology in Brisbane, Australia. Alex is primarily interested in business process management, data warehousing, and Web 2.0. His research so far led to more than 30 journal papers, conference papers, and book chapters.

Guiding Questions

- What are the benefits of Web2.0 to (autonomically) managed systems?
 - Web 2.0 data-centric nature v. control-centric nature of autonomic computing
 - Long-tail and economies of scale (folksonomies) related to autonomic computing?
 - Will enterprise meet consumer space? Role for Web2.0 & autonomic computing?
- How do autonomic computing and Web2.0 fit into the broader eco system?
 - Other abstractions, technologies, approaches? SOA, virtualization, SaaS...
 - What is important for customers today and tomorrow?
 - What are the ISVs & service developers needs related to Web2.0 & autonomic?
- What is your (company's) vision of computing systems in 5-10 years?
 - What does your company need from this community to reach its vision?
 - What do your customers need for their future?
 - What advices can you offer to this community?

Agenda

- Introduction, 5 min
- Panelists presentations, 4x10 min
- Q&A, 60min
- Panelists' closing statements, 4x2 min