

# Self-Management: Separating Facts from Fiction

Panel Session 2

NOMS 2006

Wednesday, April 5, 2006, 10:30am – 12:10

Chair

Rolf Stadler, KTH Royal Institute of Technology, Sweden

Panelists

Raouf Boutaba, University of Waterloo, Canada

Joe Hellerstein, IBM Research, USA

Randy Katz, University of California, Berkeley, USA

Ralf Wolter, Cisco Systems, Germany

## Initial Motivation . . .

- Reduce operational costs
- Increase system adaptivity
- Reduce design complexity

## Strong Interest . . .

- *Research outlets*: Tons of topic workshops on self X or autonomic Y, new ACM journal, ...
- *Funding*: EC has started four IPs in this area, ...
- *Industry*: auto-configuration, IBM's autonomic computing initiative, ...

## An Assessment . . .

- In which settings can self-management achieve a *reduction in operational costs*?
- Do *customers* and *administrators* really want and trust self-managed systems?
- To which extent are services that are built on *p2p technology* inherently self-managed?
- Is self-management a technology that *leverages available results*?  
Or: are fundamental advances needed?
- ....

## The Panelists . . .

- Ralf Wolter, Cisco Systems, USA
- Joe Hellerstein, IBM Research, USA
- Randy Katz, University of California, Berkeley, USA
- Raouf Boutaba, University of Waterloo, Canada