

16th Annual Last Lecture Series

Presented by Student and Cultural Engagement

Dr. Subbarao Kambhampati

Ira A. Fulton Schools of Engineering

You Can't do That Dave!

*Collateral Lessons from a Computational
Quest to Design HAL*

April 14, 2011

7:30 p.m.

Pima room, Memorial Union



Reception

Outside Pima Room, 2nd floor Memorial Union

Welcome

Ben Braksick, Student and Cultural Engagement

You Can't do That Dave!

Collateral Lessons from a Computational Quest to Design HAL

Dr. Subbarao Kambhampati, Ira A. Fulton Schools of Engineering

About the Series

ASU's Last Lecture Series began in 1996 as a way for students to recognize the outstanding faculty here at Arizona State University.

Each year, students are asked to nominate those faculty members that go above and beyond to challenge, support, and inspire their students.

Nominated faculty are then given the prompt, "Describe the nature of the lecture you would give if it were your last opportunity to address an audience" and asked to submit a proposal. Those proposals are judged by a committee of students who select the three they find the most interesting, exciting, and deserving.

Biography

Dr. Subbarao Kambhampati has been at Arizona State University for 20 years, joining the faculty in 1991 from University of Maryland-College Park where he earned his Ph.D. in Computer Science. Here at ASU he specializes in Artificial Intelligence, Automated Planning, Machine Learning, Data Bases, Information Integration, and the World Wide Web. He also directs the Yochan research group connected with ASU's AI Lab.

Dr. Kambhampati has received numerous awards including 2001-2002 College of Engineering Teaching Excellence Award and a 2004 IBM Faculty Award. He was also named a Fellow of the Association for Advancement of Artificial Intelligence in 2004.

Lecture

“I work in Artificial Intelligence, a branch of Computer Science that aims to develop (and implement) computational theories of intelligent agency. In CSE471, I teach my students how to design computer agents that can perceive, plan, act and learn in complex environments. While understanding the computational considerations is our first priority, we are nevertheless fascinated by the lessons of this endeavor to our own day-to-day lives. My last lecture would, I think, be a worthy opportunity to try and distill some of these collateral lessons that I and my students have often discussed on the side-lines of our quest to design artificial intelligent agents.

I would organize the lecture as a series of vignettes, each centered around a general principle for computational agent design and invite my students/ audience to introspect on its ramification to human agents. Popular imagination...tends to draw an unduly hard line between computational and “human” agency. My aim would be to get my students to see that the computational accounts of agent design can, and do, shed considerable insight into our own all too human predicaments.”

-Dr. Subbarao Kambhampati

Upcoming Lecture

April 20

Heroism Past and Future, or Why Hobbits will Save the World

Dr. Markus Cruse

School of International Letters and Cultures, College of Liberal Arts and Sciences

Other Lectures in Series

April 12

Lessons I have Learned from Music of the 1970s and 1980s

Dr. Linda Chattin

Industrial Engineering, Ira A. Fulton Schools of Engineering

All Lectures will take place in the Pima room of the Memorial Union at 7:30 p.m.,
preceded by a reception at 7:00 p.m.

For more information on these and other Student Engagement events,
contact 480-965-9600 or visit www.asu.edu/mu/mupa

Student and Cultural Engagement celebrates 16 years of outstanding faculty lecturers!

2010

Nancy Roberts, W.P Carey School of Business

Gro V. Amdam, School of Life Sciences

Alan Goldman, W.P Carey School of Business

2009

Stephanie DeLusé, School of Letters and Sciences

John Lynch, Barrett, the Honors College

Jane Maienschein, School of Life Sciences

2008

T.J. Davis, History

Peter Killeen, Psychology

Claudia Mesch, Art History

2007

Michael A. Berch, Sandra Day O'Connor College of Law

Glenn H. Hurlbert, Mathematics and Statistics

Diane Wolfthal*, Art History

2006

Ariel Anbar, Geological Sciences and Chemistry & Biochemistry

Oscar Giner, Theatre and Film

Matthew Whitaker, History

2005

Ted Guleserian, Philosophy

David Hrabe, Nursing

Wazyatawin Wilson*, History

2004

Allan DeSerpa, Economics

Ed Garner, Geology

Rose Weitz, Women's Studies

2003

Daniel Brouwer, Hugh Downs School of

Human Communication

Greg Durham*, Finance

Chris Smith, History

2002

Paul Knauth, Geology

Neal Lester, English

Laurie Manchester, History

2001

Daniel Canary, Hugh Downs School of Human Communication

Lynn Nelson, English

Trevor Thornton, Electrical Engineering

2000

Richard Burdick, Economics

Barbara Kerr*, Psychology in Education

Max Underwood, Architecture

1999

Jess Alberts, Hugh Downs School of Human Communication

David Williams Foster, Language and Literature

James Green, English

1998

Maria T. Allison, Recreation Management and Tourism

Alisa Klinger*, Women's Studies

Alberto A. Rios, English

1997

Robert F. Ashcroft*, Recreation Management and Tourism

Anthony Gully, Art

1996

James Foard, Religious Studies

Jeff Hester, Astronomy and Physics

Paul Privateer, Humanities

* faculty no longer at Arizona State University