AAMAS 2017 Awards Session

Session Chairs:

Kate Larson and Michael Winikoff

AAMAS 2017 Survey: tinyurl.com/aamas2017survey

Agenda

- Conference Awards
  - Best Program Committee Member
  - Best Senior Program Committee Member
  - CCC Blue Sky Ideas Recognition
  - Best Paper
  - Pragnesh Jay Modi Best Student Paper
- IFAAMAS Influential Paper Award
- In Memoriam
- Victor R. Lesser Dissertation Award
  - Followed by talk from awardee

Later in the conference:
  - ACM Autonomous Agents Research Award
  - Best Demonstration Award

AAMAS 2017 Conference Awards

- Best PC and SPC Member Awards

- Computing Community Consortium (CCC) Blue Sky Ideas Paper Recognition

- Best Paper Award

- Pragnesh Jay Modi Best Student Paper Award

Best PC Member

- Finalists
  - Natalia Criado (*King's College London*)
  - John Doucette (*New College of Florida*)
  - Michael Luck (*King's College London*)
  - Rym Zalila-Wenkstern (*University of Texas at Dallas*)
- And the award goes to:

  John Doucette (Alan Tsang will accept on his behalf)

Best SPC Member

- Finalists
  - Bruno Castro da Silva (*Federal University of Rio Grande do Sul*)
  - Ulle Endriss (*University of Amsterdam*)
  - Ian Kash (*Microsoft Research, Cambridge*)
  - Reshef Meir (*Technion*)
- And the award goes to:

  Bruno Castro da Silva

CCC Blue Sky Ideas Paper Recognition

"Progressing Intention Progression: A Call for a Goal-Plan Tree Contest"
Brian Logan, John Thangarajah, and Neil Yorke-Smith

Best Paper Awards

- Slight change from the usual:
  - In the past: Separate sets of finalists for the Best Paper and Jay Modi Best Student Paper Awards.
  - This year: A unified set of 7 strong nominees (6 happened to be student papers) across all tracks (4 from Main Track, 2 from Robotics, 1 from Innovative Applications).
  - After Best Paper was decided, best remaining paper with a student lead author was chosen to receive the Jay Modi Best Student Paper Award.
  - But again, all of the nominees are worthy papers!

Best Paper Nominees (1)

*Daniel Claes, Frans Oliehoek, Hendrik Baier, and Karl Tuyls.
"Decentralized Online Planning for Multi-Robot Warehouse Commissioning"

*Arnold Filtser and Nimrod Talmon.
"Distributed Monitoring of Election Winners"

*Zhiyuan Li, Yicheng Liu, Pingzhong Tang, Tingting Xu, and Wei Zhan.
"Stability of Generalized Two-Sided Markets with Transaction Thresholds"

*Peta Masters and Sebastian Sardina.
"Cost-Based Goal Recognition for Path-Planning"

Best Paper Nominees (2)

Matthias Scheutz, Evan Krause, Brad Oosterveld, Tyler Frasca, and Robert Platt.

"Spoken Instruction-Based One-Shot Object and Action Learning in a Cognitive Robotic Architecture"

*Adrian Šošić, Wasiur R. KhudaBukhsh, Abdelhak M. Zoubir, and Heinz Koeppl.

"Inverse Reinforcement Learning in Swarm Systems"

*Amulya Yadav, Bryan Wilder, Eric Rice, Robin Petering, Jaih Craddock, Amanda Yoshioka-Maxwell, Mary Hemler, Laura Onasch-Vera, Milind Tambe, and Darlene Woo.

"Influence Maximization in the Field: The Arduous Journey from Emerging to Deployed Application"

Best Paper Award Winner

Matthias Scheutz, Evan Krause, Brad Oosterveld, Tyler Frasca, and Robert Platt.

"Spoken Instruction-Based One-Shot Object and Action Learning in a Cognitive Robotic Architecture"

Pragnesh Jay Modi Best Student Paper Award

- Jay Modi was a rising star in our community when he passed away at the young age of 31.
- Ph.D. from USC (with Milind Tambe and Wei-Min Shen); Asst. Prof. at Drexel.
- Winner of many awards and recognitions.
- Warm and enthusiastic colleague.
- Award named in his honor since 2008.
- Since 2005, our community's journal, the *Journal of Autonomous Agents and Multiagent Systems*, published by Springer, has generously sponsored the Best Student Paper award.

Pragnesh Jay Modi, October 5, 1975- April 9, 2007

The award goes to
Peta Masters and Sebastian Sardina.
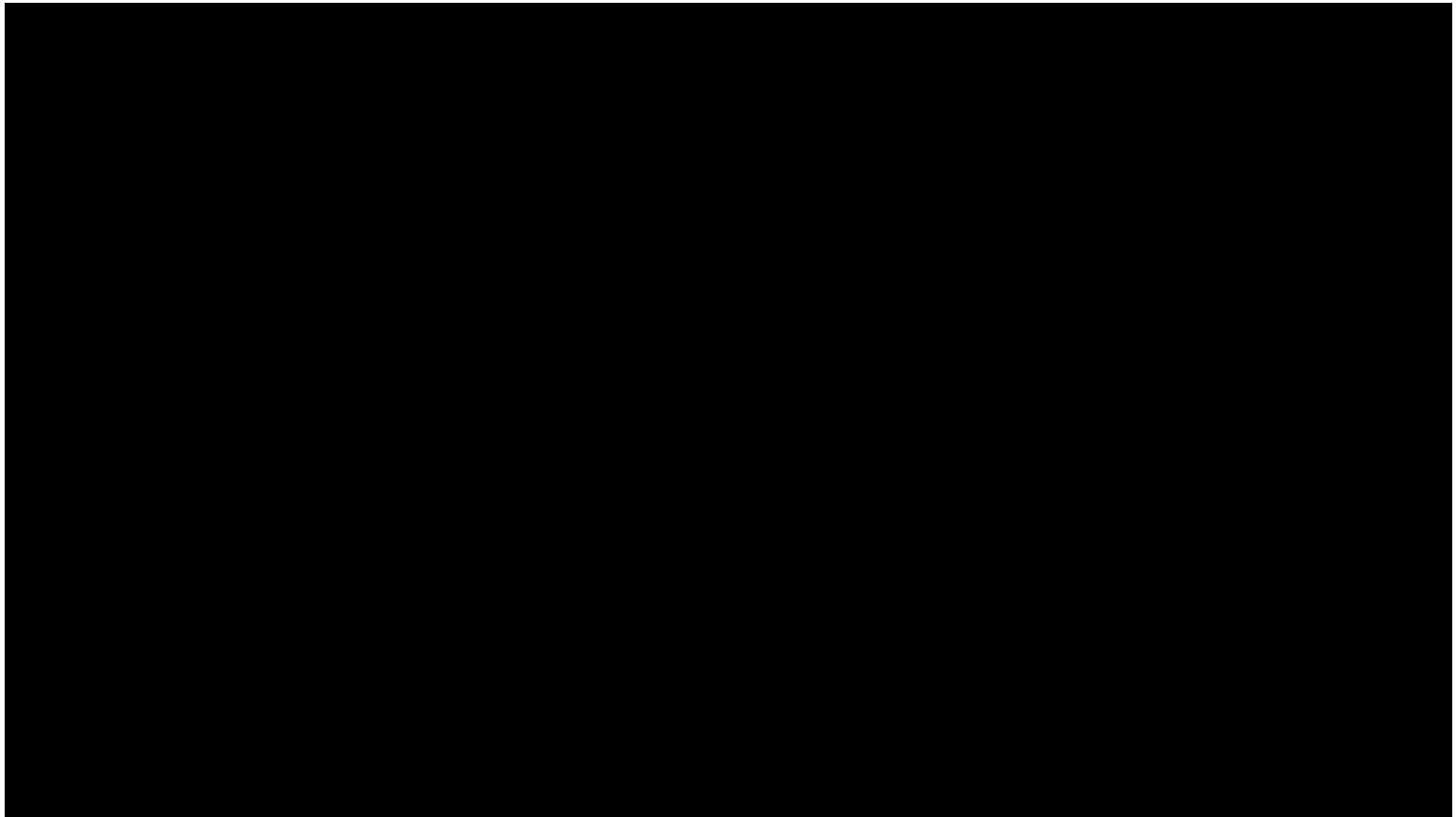"Cost-Based Goal Recognition for Path-Planning"

IFAAMAS Influential Paper Award

- IFAAMAS set up this award in 2006 to recognize publications that have made seminal contributions to the field. These papers might, therefore, have proved a key result, led to the development of a new sub-field, demonstrated a significant new application or system, or simply presented a new way of thinking about a topic that has proved influential. The award is open to any paper that was published at least 10 years before the award is made.
- Committee members:
  Liz Sonenberg (chair), Bo An, Frank Dignum, Gal Kaminka
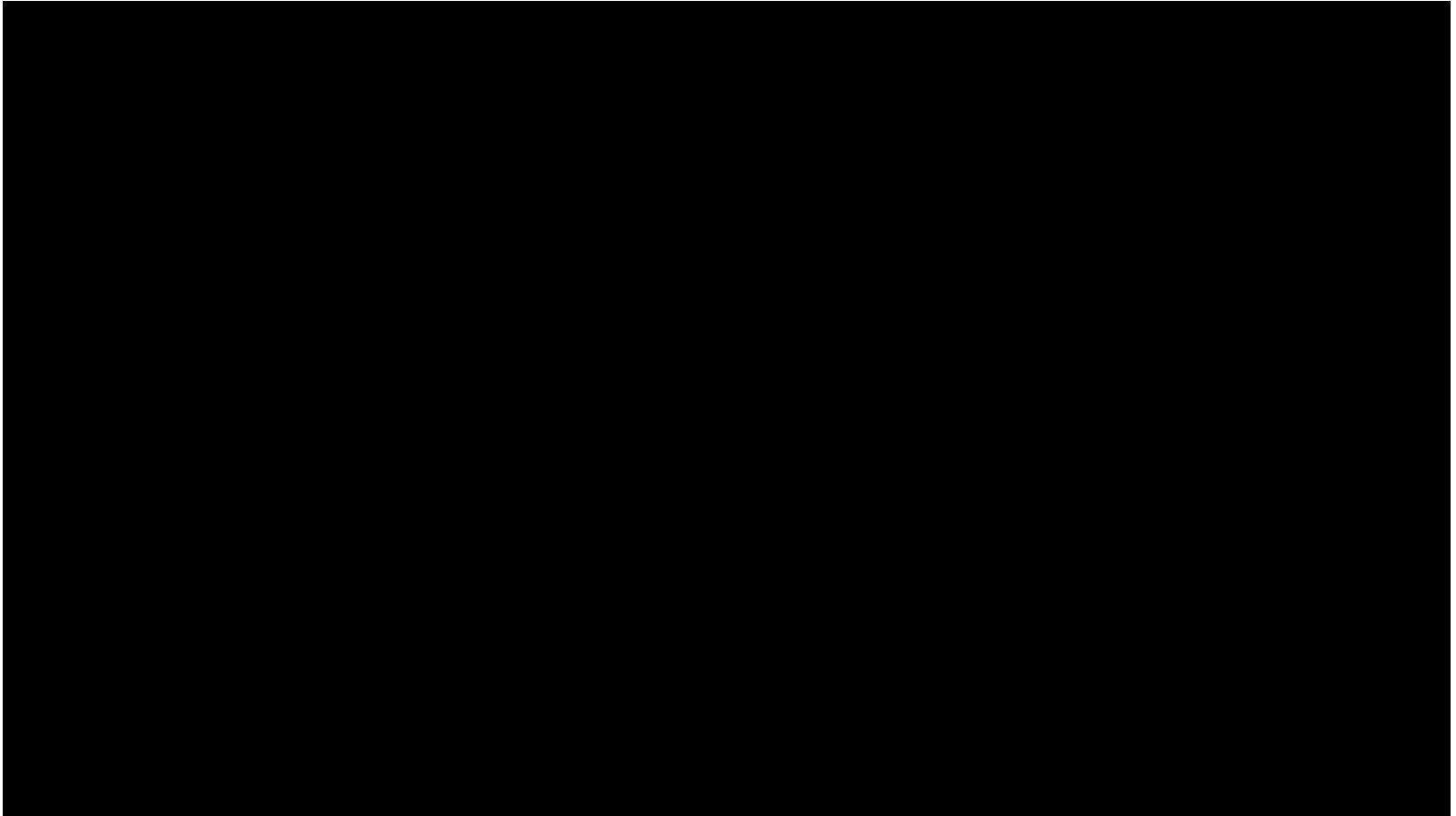- 9 very strong nominations

Winners

- Justine Cassell, Catherine Pelachaud, Norman Badler, Mark Steedman, Brett Achorn, Tripp Becket, Brett Douville, Scott Prevost, Matthew Stone, "Animated conversation: Rule-based generation of facial expression, gesture & spoken intonation for multiple conversational agents", *21st Annual Conference on Computer Graphics and Interactive Techniques*, pp. 413 - 420, 1994.

- W. Lewis Johnson, Jeff W. Rickel, James C. Lester, "Animated pedagogical agents: Face-to-face interaction in interactive learning environments". *International Journal of Artificial Intelligence in Education*, vol.11, pp. 47-78, 2000.

IFAAMAS Influential Paper Award

Justine Cassell

IFAAMAS Influential Paper Award

W. Lewis Johnson

In Memoriam

To remember colleagues and contributors
in the AAMAS community
whom we lost in the last year.
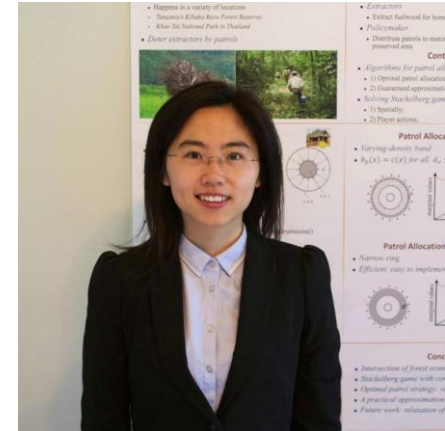
Rosaria Conte

- Head of LABSS, ISTC/CNR

- President of ESSA (European Social Simulation Association)

- President of AISC (Italian Association for Cognitive Science)

- Founder of MABS workshop

- Scientific interests:

  - Explaining social behaviour among autonomous intelligent agents

  - Modelling the dynamics of norms and norm-enforcement mechanims

2016 IFAAMAS Victor Lesser Distinguished Dissertation Award

- The IFAAMAS Board named this award in honor of Professor Victor R. Lesser, widely acknowledged as the founder of the AAMAS field (and who organized the first conference), to recognize his vast influence on the field through his formal and informal mentorship of so many in the community.

- Dissertations that show originality, depth, impact, and writing quality, supported by quality publications.

- Committee members:

    Edith Elkind (chair), Noa Agmon, Nick Jennings, Birgit Lugrin, Wiebe Van Der Hoek, Gerhard Weiss, Pinar Yolum

- 8 very strong nominations

Winners

- Runner-up: Dr **Fei Fang**
  (advised by Prof. Milind Tambe, USC)
- Thesis title: Towards Addressing Spatio-Temporal Aspects in Security Games

- Winner: Dr **Nisarg Shah**
  (advised by Prof. Ariel Procaccia, CMU)
- Thesis title: Optimal Social Decision Making