

AAMAS 2017

SIXTEENTH
International
Conference on
Autonomous
Agents and
Multiagent
Systems



São Paulo - Brazil

May 8 - 12, 2017

AAMAS 2017 Opening

Kate Larson, Michael Winikoff,
Jaime Sichman,
Ed Durfee, Sanmay Das

AAMAS 2017



São Paulo-Brazil

**SIXTEENTH International Conference on
Autonomous Agents & Multiagent Systems**

**May 8 - 12, 2017
World Trade Center São Paulo**

Welcome to São Paulo!



Piso C / C Level

Videos
Demos
Posters

SANTOS 2

RIO DE JANEIRO

SÃO PAULO FOYER

SANTOS

Elevador 5: Centro de Convenções e Golden Hall

3 2 1

Sessions

4
3
2
1

FOYER 2

BALLROOM FOYER I

1
2
1
2

WTC TEATRO

WTC TEATRO FOYER

BALLROOM

BRASÍLIA

SALVADOR

CURITIBA

FITNESS CENTER

Piscina Swimming Pool

Elevador 2: WTC Teatro e Centro de Convenções

WTC GALERIA

CLUB A

Piso C / C Level

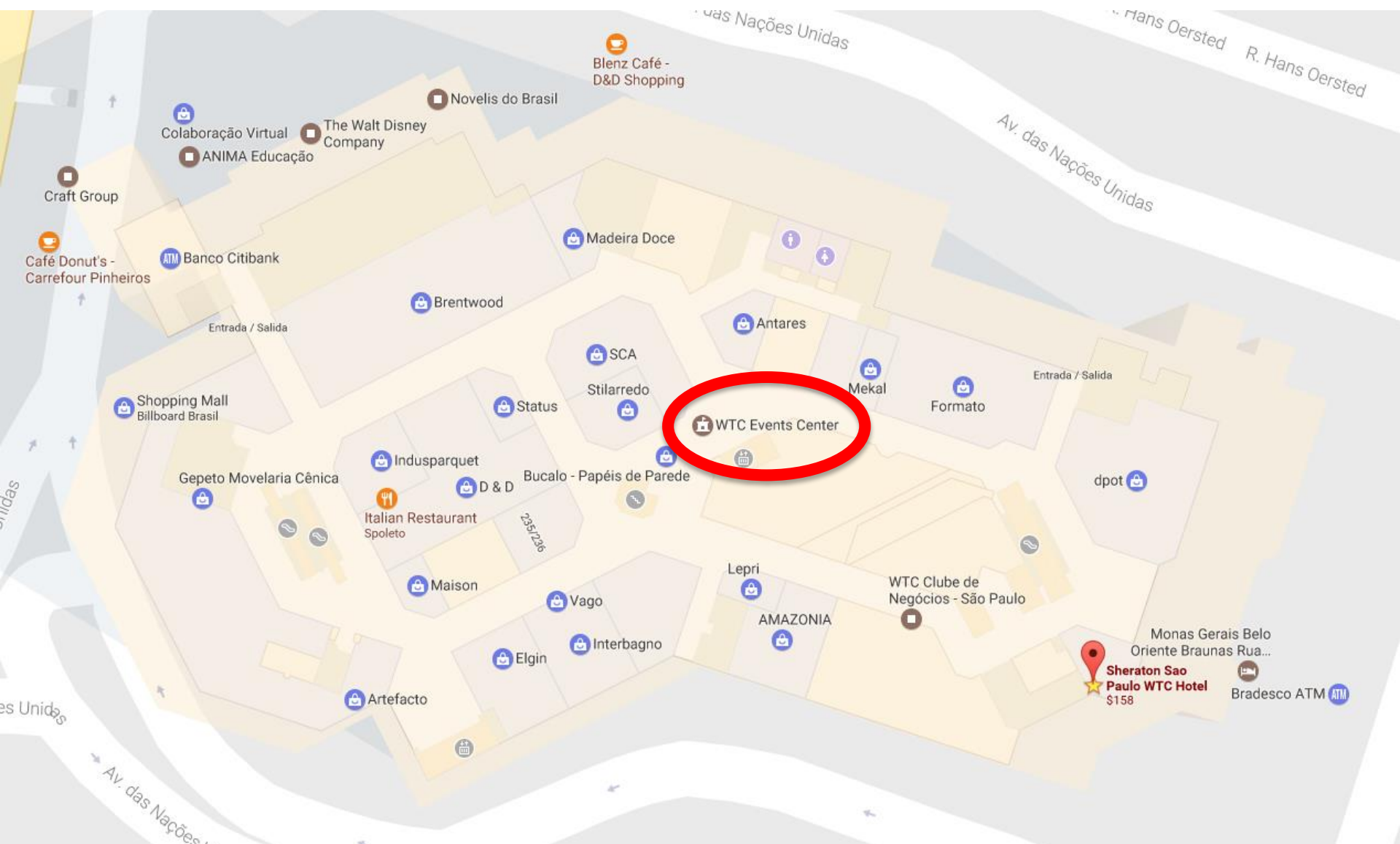
Organizing Committee

- General Chairs: Kate Larson & Michael Winikoff
- Program Chairs: Sanmay Das & Edmund Durfee
- Special Track Chairs: Christopher Amato, Alessandro Farinelli, Catherine Pelachaud, Paul Scerri, Pradeep Varakantham, Vincent Conitzer
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- Publications: Emma Norling
- Tutorials: Matthijs Spaan & Viviana Mascardi
- Workshops: Juan-Antonio Rodríguez-Aguilar & Gita Sukthankar
- Exhibitions: Prashant Doshi
- Demonstrations: Paolo Torroni & Rym Zalila-Wenkstern
- Scholarships: Yevgeniy Vorobeychik & Bo An & Natasha Alechina
- Doctoral Consortium: Noa Agmon & Tony Savarimuthu
- Sponsorship: Jie Zhang & Nicola Gatti & Chris Kiekintveld & Jaime Simão Sichman
- Local: Jaime Simão Sichman
- Local Committee: Jaime Simão Sichman, Ana Cristina Bicharra Garcia, Anarosa Alves Franco Brandão, Diana Francisca Adamatti, Graçaliz Pereira Dimuro, Gustavo Alberto Giménez-Lugo, Gustavo Augusto Lima de Campos, Jomi Fred Hübner, Luciano Reis Coutinho, Mariela Inés Cortés, Paulo André Lima de Castro, Sara Jane Casare, Viviane Torres da Silva,
- Industry Engagement Advisors: Milind Tambe & Fernando Koch & Ann Nowé

Thank you!

- Authors
- PC
- SPC
- Local chair and committee

Where to eat? D&D Mall ...



Gala Dinner Thursday
Casa da Fazenda do Morunbi
Buses leave 18:30



São Paulo-BrookWTC



Viagem de ida						
Empresa	Horário		Tipo		Itinerário	SEX 12/MAI
 Airport	Partida 12/05/2017 08:00	Chegada Prevista* 12/05/2017 09:50 Embarque: BrookWTC	Serviço Duração Restam	Conv. 01:50 42 poltronas	Visualizar	Preço por Passagem R\$ 48,80 CONTINUAR
 Airport	Partida 12/05/2017 10:00	Chegada Prevista* 12/05/2017 11:50 Embarque: BrookWTC	Serviço Duração Restam	Conv. 01:50 42 poltronas	Visualizar	Preço por Passagem R\$ 48,80 CONTINUAR
 Airport	Partida 12/05/2017 12:00	Chegada Prevista* 12/05/2017 13:50 Embarque: BrookWTC	Serviço Duração Restam	Conv. 01:50 42 poltronas	Visualizar	Preço por Passagem R\$ 48,80 CONTINUAR
 Airport	Partida 12/05/2017 14:00	Chegada Prevista* 12/05/2017 15:50 Embarque: BrookWTC	Serviço Duração Restam	Conv. 01:50 40 poltronas	Visualizar	Preço por Passagem R\$ 48,80 CONTINUAR
 Airport	Partida 12/05/2017 16:00	Chegada Prevista* 12/05/2017 17:50 Embarque: BrookWTC	Serviço Duração Restam	Conv. 01:50 40 poltronas	Visualizar	Preço por Passagem R\$ 48,80 CONTINUAR

https://www.netviagem.com.br/empresa-de-onibus-airport-service/passagem-de-onibus/sao-paulo-sp-brookwtc/guarulhos-sp-aeroporto-cumbica-gru?dataida=12-05-2017&datavolta=&empresa=181&consultaexterna=true

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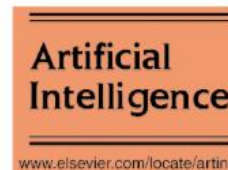
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We thank the following for their generous support of the student scholarship program.



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Welcome to the Proceedings of AAMAS 2017

These proceedings are a cross-platform medium that allows Windows and Mac users to share the same directory structure and access a common set of files. To navigate these proceedings, a graphical web browser is required. The full-text content on this disk is in Adobe PDF format. A version of Adobe Acrobat Reader is required to view the content. Please be sure you have the latest version and updates of [Adobe Acrobat Reader](#) installed.



Proceedings:
<http://aamas2017.org/proceedings/>

A few statistics

- Reviewed Submissions: 567
 - Main Track: 457
 - Robotics: 40
 - Innovative Applications: 30
 - Virtual Agents: 25
 - Blue Sky Ideas: 15
- Appearing in the Proceedings:
 - Main Track: 127 full (28%) and 97 abstracts (21%)
 - Robotics: 11 full (28%) and 9 abstracts (20%)
 - Innovative Applications: 8 full (27%) and 4 abstracts (13%)
 - Virtual Agents: 8 full (32%) and 3 abstracts (12%)
 - Blue Sky Ideas: 1 (7%)

A few more statistics

- Main Track Paper Broad Topic Areas
(average paper appears 2.1 times):

Broad Topic Area	Submissions
Agents and Mainstream Computing	23
Verification and Validation of Agent-Based Systems	27
Humans and Agents	29
Communication and Argumentation	37
Systems and Organization	40
Knowledge Representation and Reasoning	59
Engineering Multi-Agent Systems	63
Agent Societies and Societal Issues	68
Learning and Adaptation	84
Agent Cooperation	93
Agent Theories and Models	102
Agent-Based Simulation	122
Economic Paradigms	213

And a few more statistics

- More Specific Topic Areas

Distributed problem solving	24
Social simulation	25
Noncooperative games: computation	26
Modelling for agent based simulation	27
Noncooperative games: theory & analysis	28
Logics for agents and multi-agent systems	28
Learning and adaptation: Other	29
Game theory for practical applications	29
Auctions and mechanism design	31
Logic and Game Theory	31
Social choice theory	48

Last slide on statistics (I promise)

- Regional Distribution

(divides each paper up based on declared region of each author)

Country or Region	# Authors	# Submissions
Africa (all)	21	8.31
China	118	44.85
India	53	24.67
Israel	50	26.53
Asia (rest)	86	35.76
United Kingdom	144	62.59
France	85	36.40
Germany	66	27.67
Europe (rest)	184	78.17
USA	329	129.20
North America (rest)	30	13.80
Brazil	100	48.72
South America (rest)	3	0.83

Finally ...

- Oral session presenters:
 - Please be at your session room 10 minutes before it starts!
 - Please pre-load your presentation
 - Please do not use your own device without checking before the session!
- Poster presenters:
 - Do your best to be at your poster as much as you can in your session(s)
- Everyone:
 - Learn, network, enjoy!
 - Let future organizers know what you like and how things could be even better

AAMAS Survey: tinyurl.com/aamas2017survey

Now, on with the technical program!

Professor Julie Shah
MIT

