

The Third International Workshop  
on  
Logic, Rationality and Interaction

LORI2011

# Programs

Guangzhou, P.R.China

October 10–13,2011



[www.golori.org](http://www.golori.org)



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## Lori2011 Program Overview

Sun Oct.9,2011	Mon Oct.10,2011	Tue Oct.11,2011	Wed Oct.12,2011	Thu Oct.13,2011
9:00–22:00 Registration at ZijingYuan Hotel	7:15–8:45 <b>Breakfast</b>	7:15–9:00 <b>Breakfast</b>	7:15–9:00 <b>Breakfast</b>	7:15–9:00 <b>Breakfast</b>
	8:45–9:00 <b>Opening</b>	9:00–10:00 <b>Arkadii Slinko</b>	9:00–9:10 <b>Mehrnoosh Sadrzadeh,etal</b>	9:00–10:00 <b>Kaile Su</b>
	9:00–9:15 <b>Phototaking</b>	10:00–10:20 <b>Tea Break</b>	9:10–9:20 <b>Zhen Liang,etal</b>	10:00–10:20 <b>Tea Break</b>
	9:15–10:15 <b>Dov Samet</b>	10:20–10:50 <b>Sun Xin</b>	9:20–9:30 <b>Jan Van Eijck</b>	10:20–10:50 <b>Minghui Ma,etal</b>
	10:15–10:45 <b>Tea Break</b>	10:50–11:20 <b>Fengkui Ju,etal</b>	9:30–9:40 <b>Zhaoqing Xu</b>	10:50–11:20 <b>François Schwarzentruber</b>
	10:45–11:15 <b>Olivier Roy,etal</b>	11:20–11:50 <b>Emiliano Lorini</b>	9:40–9:50 <b>Can Baskent</b>	11:20–11:50 <b>Christian W. Bach,etal</b>
	11:15–11:45 <b>Pavel Naumov,etal</b>	11:50–12:20 <b>Beishui Liao,etal</b>	9:50–10:00 <b>Sujata Ghosh,etal</b>	11:50–12:20 <b>Levan Uridia,etal</b>
	11:45–12:15 <b>Davide Grossi</b>	12:20–13:15 <b>Lunch</b>	10:00–10:10 <b>Zuojun Xiong,etal</b>	12:20–12:50 <b>Floris Roelofsen</b>
	12:15–13:15 <b>Lunch</b>	14:00–14:30 <b>Minhui Ma</b>	10:10–10:20 <b>Jianfeng Du,etal</b>	12:50–13:50 <b>Lunch</b>
	14:00–14:30 <b>Ka Fat Chow</b>	14:30–15:00 <b>Yi N. Wáng,etal</b>	10:20–10:40 <b>Tea Break</b>	14:15–14:45 <b>Jonas De Vuyst</b>
	14:30–15:00 <b>Satoru Suzuki</b>	15:00–15:30 <b>Yanjing Wang</b>	10:40–10:50 <b>Min Tang</b>	14:45–15:15 <b>Xuefeng Wen,etal</b>
	15:00–15:30 <b>Mamoru Kaneko,etal</b>	15:30–16:00 <b>Wesley Holliday,etal</b>	10:50–11:00 <b>Tianqun Pan</b>	15:15–15:45 <b>Wiebe Van Der Hoek,etal</b>
	15:30–16:00 <b>Chongli Zou,etal</b>	16:30–17:30 <b>Johan van Benthem</b>	11:00–11:30 <b>Alistair Isaac,etal</b>	15:45–16:15 <b>Benedikt Löwe,etal</b>

Sun	Mon	Tue	Wed	Thu
Oct.9,2011	Oct.10,2011	Oct.11,2011	Oct.12,2011	Oct.13,2011
18:00–20:00 Dinner at ZijingYuan Htoel	16:00–16:30 <b>Tea Break</b>	18:00–19:00 <b>Dinner</b>	11:30–13:30 <b>Poster+Tea</b>	16:15–16:35 <b>Tea Break</b>
	16:30–17:30 <b>Yongmei Liu</b>		12:00–13:00 <b>Lunch</b>	16:35–17:35 <b>R.Ramanujam</b>
	18:00–19:00 <b>Welcome Dinner</b>		13:20–20:30 <b>Tourism &amp; Dinner</b>	17:35–17:50 <b>Closing</b>
	20:00–21:30 <b>Boat Cruise</b>			18:00–20:00 <b>Banquet</b>

- Each Invited Talk takes 60 mins.
- Each Regular Talk takes 30 mins.
- Each Poster Presentation takes 10 mins.
- All time slots include discussion.
- WIFI: LORI3 No Password Required
- In case of No–Show, the talk will be replaced by its successor.

Monday, Oct. 10, 2011

Time	Activity	Venue	Note
Session I: Opening Chair: Minghui Xiong		WenKe Building , 2nd Floor	Room 225
8:45–9:00	<i>Opening Speech</i> a) Chunsheng CHEN, vice president of the Sun Yat-sen University b) Hans van Ditmarsch, Jérôme Lang		
9:00–9:15	Photo Taking	In front of Whites' Hall	Follow the staff
9:15–10:15 Invited Talk	<i>Interim agreements: Zeno, Parkinson, and Nash</i> <b>Dov Samet</b>	WenKe Building , 2nd Floor	Room 225
10:15–10:45	Tea Break		
Session II: <i>Games</i>			
10:45–11:15	<i>A Dynamic Analysis of Interactive Rationality</i> <b>Olivier Roy and Eric Pacuit</b>	WenKe Building , 2nd Floor	
11:15–11:45	<i>Game Semantics for the Geiger-Paz-Pearl Axioms of Independence</i> <b>Pavel Naumov and Brittany Nicholls</b>		
11:45–12:15	<i>An Application of Model Checking Games to Abstract Argumentation</i> <b>Davide Grossi.</b>		
12:15–13:15	Lunch	ZijingYu an Hotel	
Session III: <i>Substructural Logics</i>		WenKe Building , 2nd Floor	
14:00–14:30	<i>A Semantic Model for Vague Quantifiers combining Fuzzy Theory and Supervaluation Theory</i> <b>Ka Fat Chow</b>		
14:30–15:00	<i>Measurement-Theoretic Foundations of Probabilistic Model of JND-Based Vague Predicate Logic</i> <b>Satoru Suzuki</b>		
15:00–15:30	<i>A Measure of Inference in Classical and Intuitionistic Logics</i> <b>Mamoru Kaneko and Nobu-Yuki Suzuki</b>		

15:30–16:00	<i>The Categorical Logic of Vacuous Components in Natural Language</i> <b>Chongli Zou, Kesheng Li and Lu Zhang</b>		
16:00–16:30	Tea Break		
16:30–17:30 <b>Invited Talk</b>	<i>Some Positive Results on Progression in the Situation Calculus</i> <b>Yongmei Liu</b>		
18:00–19:00	Welcome Dinner	ZijingYuan Hotel	
20:00–21:30	Boat Cruise on Perl River	Get on the Bus in front of ZijingYuang hotel Follow our staff	

## Tuesday, Oct. 11, 2011

Time	Activity	Venue	Note
Session IV: Obligation, Preference, and Argumentation		WenKe Building, 2nd Floor	Room 225
9:00–10:00 <b>Invited Talk</b>	<i>Manipulating Elections in the Age of Twitter</i> <b>Arkadii Slinko</b>		
10:00–10:20	Tea Break		
10:20–10:50	<i>Conditional Ought VS Ought About Conditionals</i> <b>Sun Xin</b>		
10:50–11:20	<i>Update Semantics for Imperatives with Priorities</i> <b>Fengkui Ju and Fenrong Liu</b>		
11:20–11:50	<i>A Dynamic Logic of Knowledge, Graded Beliefs and Graded Goals and Its Application to Emotion Modeling</i> <b>Emiliano Lorini</b>		
11:50–12:20	<i>Partial Semantics of Argumentation</i> <b>Beishui Liao and Huaxin Huang</b>		
12:20–13:15	Lunch	ZijingYuan Hotel	
Session V: DEL, Public Announcements		WenKe Building, 2nd Floor	Room 225
14:00–14:30	<i>Mathematics of Public Announcements</i> <b>Minghui Ma</b>		
14:30–15:00	<i>Public Announcement Logic with Distributed Knowledge</i> <b>Yi N. Wang and Thomas Ågotnes</b>		
15:00–15:30	<i>On Axiomatizations of Public Announcement Logic</i> <b>Yanjing Wang</b>		
15:30–16:00	<i>Schematic Validity in Dynamic Epistemic Logic: Decidability</i> <b>Wesley Holliday, Tomohiro Hoshi and Thomas Icard</b>		
16:00–16:30	Tea Break		
16:30–17:30 <b>Invited Talk</b>	<i>Logical Dynamics of Evidence</i> <b>Johan van Benthem</b>		
18:00–19:00	Dinner	ZijingYuan Hotel	

Wednesday, Oct. 12, 2011

Time	Activity	Venue	Note
Session VI: Poster Presentation		WenKe Building , 2nd Floor	Room 225
9:00–9:10	<i>Algebraic Semantics and Model Completeness for Intuitionistic Public Announcement Logic</i> <b>Mehrnoosh Sadrzadeh, Minghui Ma and Alessandra Palmigiano</b>		
9:10–9:20	<i>The Dynamics of Peer Pressure</i> <b>Zhen Liang and Jeremy Seligman</b>		
9:20–9:30	<i>Reflections on Vote Manipulation</i> <b>Jan Van Eijck, Floor Sietsma and Sunil Simon</b>		
9:30–9:40	<i>Capturing Lewis's "Elusive Knowledge"</i> <b>Zhaoqing Xu</b>		
9:40–9:50	<i>A Logic for Strategy Updates</i> <b>Can Baskent</b>		
9:50–10:00	<i>Playing Extensive Form Negotiation Games: A Tool-based Analysis</i> <b>Sujata Ghosh, Sumit Sourabh and Rineke Verbrugge</b>		
Session VII: Poster Part II+Discussion			
10:00–10:10	<i>A Logic of Questions for Rational Choice</i> <b>Zuojun Xiong and Jeremy Seligman</b>		
10:10–10:20	<i>Efficient Action Extraction with Many-to-Many Relationship between Actions and Features</i> <b>Jianfeng Du, Yong Hu, Charles Ling, Ming Fan and Mei Liu</b>		
10:20–10:40	Tea Break		
10:40–10:50	<i>Bayesianism, Eliminative Induction and Logical Reliability</i> <b>Min Tang</b>		
10:50–11:00	<i>On Logic of Belief-disagreement among Agents</i> <b>Tianqun Pan</b>		
11:00–11:30 <b>Regular Talk</b>	<i>Taking Mistakes Seriously: Equivalence Notions for Game Scenarios with Off Equilibrium Play</i> <b>Alistair Isaac and Tomohiro Hoshi</b>		

11:30-13:30	Poster+Tea+Discussion		Parallel Events
12:00-13:00	Lunch	ZijingYuan Hotel	
13:20-20:30	Tourism on GuangZhou(Canton) Tower Dinner	Get on the bus in front of ZijingYuan Hotel Follow our staff	



Thursday, Oct. 13, 2011

Time	Activity	Venue	Note
Session VIII: Logics of Belief and Knowledge			
9:00–10:00 <b>Invited Talk</b>	<i>Epistemic logics: a Computationally Grounded Perspective</i> <b>Kaile Su</b>	WenKe Building, 2nd Floor	Room 225
10:00–10:20	Tea Break		
10:20–10:50	<i>Logics of Belief over Weighted Structures</i> <b>Minghui Ma and Meiyun Guo</b>		
10:50–11:20	<i>Seeing, knowledge and common knowledge</i> <b>François Schwarzentruber.</b>		
11:20–11:50	<i>Agreeing to Disagree with Limit Knowledge</i> <b>Christian W. Bach and Jérémie Cabessa</b>		
11:50–12:20	<i>An Epistemic Logic with Hypotheses</i> <b>Levan Uridia and Dirk Walther</b>		
12:20–12:50	<i>Algebraic foundations for inquisitive semantics</i> <b>Floris Roelofsen</b>		
12:50–13:50	Lunch	ZijingYuan Hotel	
Session IX: DEL			
14:15–14:45	<i>Minimal Revision and Classical Kripke Models: First Results</i> <b>Jonas De Vuyst</b>	WenKe Building, 2nd Floor	Room 225
14:45–15:15	<i>An Alternative Logic for Knowability</i> <b>Xuefeng Wen, Hu Liu and Fan Huang</b>		
15:15–15:45	<i>Knowledge and Action in Semi-Public Environments</i> <b>Wiebe Van Der Hoek, Petar Iliev and Michael Wooldridge</b>		
15:45–16:15	<i>DEL planning and some tractable cases</i> <b>Benedikt Löwe, Eric Pacuit and Andreas Witzel</b>		
16:15–16:35	Tea Break		
16:35–17:35 <b>Invited Talk</b>	<i>The interplay of individual and social rules in large games</i> <b>R.Ramanujam.</b>		

Session X: Closing Chair: Johan van Benthem		
17:35–17:50	Closing Speech a) Shier Ju b) Hans van Ditmarsch, Jérôme Lang	
18:00–20:00	Banquet	KangleYuan Restaurant, Follow our staff, or check the map

Friday, Oct. 14, 2011

Time	Activity	Venue	Note
7:15–9:00	Breakfast	ZijingYuan Hotel	
End			

