

The Eighth International Conference on
Logic, Rationality and Interaction (LORI-VIII)

16-19 October, 2021

Xi'an Jiaotong University, Xi'an, China

PROGRAM

Note that

UTC is for Coordinated Universal Time

CST is for China Standard Time (UTC+8)

EDT is for Eastern Daylight Time (UTC-4)

CEST is for Central European Summer Time (UTC+2)

Saturday Oct 16					
UTC	CST	EDT	CEST		
9:30-10:00 am	5:30-6:00 pm	5:30-6:00 am	11:30am-12:00pm	Opening	Johan van Benthem (Standing Committee Chair, Amsterdam and Stanford) Sujata Ghosh (ISI Chennai) University leader (Xi'an Jiaotong University)
10:00-11:00 am	6:00-7:00 pm	6:00-7:00 am	12:00-1:00 pm	Invited Talk Chair: Yanjing Wang	Intervention and Causal Conditionals in Causal Markov Categories (Jiji Zhang)
11:00-11:15 am	7:00-7:15 pm	7:00-7:15 am	1:00-1:15 pm	Short Break	On Zoom
11:15 am - 12:30 pm	7:15-8:30 pm	7:15-8:30 am	1:15 - 2:30 pm	Presentations Chair: Fengkui Ju	A Logic for Desire Based on Causal Inference (Kaibo Xie and Jialiang Yan)
					Reasoning in large games with unboundedly many players (Ramit Das, Anantha Padmanabha and R. Ramanujam)
					Crossing Hands in the Russian Cards Problem (Tor Hagland and Thomas Ågotnes)
12:30 - 12:45 pm	8:30-8:45 pm	8:30-8:45 am	2:30 - 2:45 pm	Cultural Event	Eighty-one Catastrophes (4 mins) (Musical Instruments: Erhu & Gaohu fiddle; Played by: Zichang Wang & Jiaju Wang)
12:45 - 1:45 pm	8:45-9:45 pm	8:45-9:45 am	2:45 - 3:45 pm	Invited Talk Chair: Thomas Icard	Logical Perspectives on Voting (Wesley Holliday)
1:45 - 2:00 pm	9:45 -10:00 pm	9:45 - 10:00 am	3:45 - 4:00 pm	Short Break	On Zoom
2:00 - 3:15 pm	10:00 - 11:15 pm	10:00 - 11:15 am	4:00 - 5:15 pm	Presentations Chair: Yi Wang	Voting Theory in the Lean Theorem Prover (Wesley Holliday, Chase Norman and Eric Pacuit)
					Dynamic Coalition Logic: Granting and Revoking Dictatorial Powers (Rustam Galimullin and Thomas Ågotnes)
					Assertion, Rejection, and Semantic Universals (Giorgio Sbardolini)
3:15-4:15 pm	11:15-12:15 pm	11:15-12:15 am	5:15- 6:15 pm	Discussion Session	On Zoom

Sunday Oct 17					
UTC	CST	EDT	CEST		
10:00 - 11:00 am	6:00 - 7:00 pm	6:00-7:00 am	12:00-1:00 pm	Invited Talk Chair: Minghui Xiong	On Garfield and Priest's Interpretation of the Use of the Catuskoti in MMK (Wen-fang Wang)
11:00-11:15 am	7:00-7:15 pm	7:00-7:15 am	1:00-1:15 pm	Short Break	On Zoom
11:15 am - 12:30 pm	7:15 - 8:30 pm	7:15 - 8:30 am	1:15 - 2:30 pm	Presentations Chair: Zhaoqing Xu	Hypergraphs, local reasoning, and weakly aggregative modal logic (Yifeng Ding, Jixin Liu and Yanjing Wang)
					Completeness theorems for $\backslash\exists$Box-fragment of first-order modal logic (Xun Wang)
					Representation Results for Non-cumulative Logics (Xuefeng Wen and Xincheng Luo)
12:30 - 12:45 pm	8:30 - 8:45 pm	8:30-8:45 am	2:30 - 2:45 pm	Cultural Event	The travel to GuSu (5 mins) (Musical Instrument: Bamboo flute; Played by: Chuyang Feng) Windy Street (5 mins) (Musical Instrument: Erhu fiddle; Played by: Bo Zhang)
12:45 - 2:00 pm	8:45 - 10:00 pm	8:45 - 10:00 am	2:45 - 4:00 pm	Presentations Chair: Xuefeng Wen	Weighted Modal Logic in Epistemic and Deontic Contexts (Huimin Dong, Xu Li and Yì N. Wáng)
					Checking accuracy and trustworthiness of explaining agents (Alberto Termine, Giuseppe Primiero and Fabio Aurelio D'Asaro)
					How Knowledge Triggers Obligation: A Dynamic Logic of Knowledge-based Conditional Obligation (Xingchi Su, Barteld Kooi, Rineke Verbrugge and Davide Grossi)
2:00 - 2:15 pm	10:00 - 10:15 pm	10:00 - 10:15 am	4:00 - 4:15 pm	Best Student Paper Ceremony	In the Conference Room & On Zoom
2:15 - 3:15 pm	10:15 - 11:15 pm	10:15 - 11:15 am	4:15 - 5:15 pm	Invited Talk Chair: Beishui Liao	Norms for Real World Argumentation: Successes, Challenges and Developments (Ulrike Hahn)
4:15-5:15 pm	11:15-12:15 pm	11:15- 12:15 am	5:15- 6:15 pm	Discussion Session	On Zoom

Monday Oct 18					
UTC	CST	EDT	CEST		
10:00 - 11:00 am	6:00 - 7:00 pm	6:00 - 7:00 am	12:00 - 1:00 pm	Invited Talk Chair: Sujata Ghosh	Deliberation, Coherent Aggregation, and Path Dependence (Olivier Roy)
11:00-11:15 am	7:00-7:15 pm	7:00-7:15 am	1:00-1:15 pm	Short Break	On Zoom
11:15 am- 12:55 pm	7:15 - 8:55 pm	7:15 - 8:55 am	1:15 - 2:55 pm	Presentations Chair: Kaibo Xie	Epistemic Planning with Attention as a Bounded Resource (Gaia Belardinelli and Rasmus K. Rendsvig)
					Multi-Agent Conformant Planning with Distributed Knowledge (Yanjun Li)
					On Artemov and Protopopescu's Intuitionistic Epistemic Logic Expanded with Distributed Knowledge (Youan Su, Ryo Murai and Katsuhiko Sano)
					Discrete linear temporal logic with Knowing-value operator (Kaiyang Lin)
12:55 - 1:15 pm	8:55 - 9:15 pm	8:55-9:15 am	2:55 - 3:15 pm	Cultural Event	An etude of Beijing opera style (4 mins) (Musical Instrument: Erhu fiddle; Played by: Qihui Cun) Beauty of Diversity: When Chinese Zither Meets Batik (8 mins) (Musical Instrument: Chinese zither; Played by: Ketrin)
1:15 - 2:15 pm	9:15 - 10:15 pm	9:15 - 10:15 am	3:15 - 4:15 pm	Invited Talk Chair: Junhua Yu	Bridges between classical and constructive reasoning for infinitary logic (Sara Negri)
2:15-3:15 pm	10:15- 11:15 pm	10:15- 11:15 am	4:15 - 5:15 pm	Discussion Session	On Zoom

Tuesday Oct 19					
UTC	CST	EDT	CEST		
10:00 - 11:00 am	6:00 - 7:00 pm	6:00 - 7:00 am	12:00 - 1:00 pm	Invited Talk Chair: Tomoyuki Yamada	Attention instead of Intervention: Exploring alternatives to the interventionist approach to counterfactuals Katrin Schulz
11:00-11:15 am	7:00-7:15 pm	7:00-7:15 am	1:00-1:15 pm	Short Break	On Zoom
11:15 am- 12:30 pm	7:15 - 8:30 pm	7:15-8:30 am	1:15 - 2:30 pm	Presentations Chair: Wen-fang Wang	Social Bot Detection as a Temporal Logic Model Checking Problem (Mina Young Pedersen, Marija Slavkovik and Sonja Smets)
					Truth meets vagueness: Unifying the Semantic and the Soritical Paradoxes (Lorenzo Rossi and Riccardo Bruni)
					Situated Epistemic Updates (Igor Sedlar and Andrew Tedder)
12:30 - 12:45 pm	8:30 - 8:45 pm	8:30-8:45 am	2:30 - 2:45 pm	Cultural Event	Reminiscences by the Wei River (5 mins) (Musical Instrument: Chinese lute; Played by: Yunting Yao) Capriccio of Qin Opera Theme (7 mins) (Musical Instrument: Erhu fiddle; Played by: Xinran Ye)
12:45 - 2:00 pm	8:45 - 10:00 pm	8:45 - 10:00 am	2:45 - 4:00 pm	Presentations Chair: Wei Wang	Approximating approximate reasoning: Fuzzy sets and the Ershov hierarchy (Nikolay Bazhenov, Manat Mustafa, Sergei Ospichev and Luca San Mauro)
					A generalization of ordered-pair semantics (Hitoshi Omori and Jonas R. B. Arenhart)
					On the finite model property of weak intuitionistic tense logic (Yu Peng, Zhe Lin and Fei Liang)
2:00 - 2:30 pm	10:00 - 10:30 pm	10:00 - 10:30am	4:00 - 4:30 pm	Closing	Thomas Icard (Stanford University) Fenrong Liu (Tsinghua University)

Instructions

Welcome to the LORI-VIII. It is an honour to have you here. Virtual conferences are not alien to most of us during the Covid-19 pandemic. In order for everyone to have a smooth experience of the LORI-VIII conference, please follow the instructions below as the meeting manual.

Instructions for all participants:

For the participants online, all sessions will be on Zoom. The Zoom meeting link, ID and password will be sent to every register by email one day in advance.

We will start the link 15 minutes before each session. Please enter the Zoom meeting with your own name.

Please do not publish the Zoom link on any public forum to ensure the smooth running of the conference. Please do not record the talks and the slides will be shared after the conference.

All participants except the speaker and the moderator will stay muted during talks. But if you can, please leave your video on when listening to a talk: it is much nicer for speakers to see the faces of their audience!

If you would like to ask a question during the Q&A session, please notify the moderator by using the 'raise hand' function, or the 'chat' function; you will then be unmuted (if there is time for questions). While during the Short Breaks, we will stay in the main Zoom room. You can communicate freely.

For social interaction during the conference, we will use the group function on Zoom. There will be two Breakout Room (60 minutes) available after all the lectures each day. The local chair will create breakout rooms when every Discussion Session starts. For the first three days, the first invited speaker and the three contributed speakers (**two for Oct 18**) will be in Break Room 1, while the second invited speaker and the rest of the contributed speakers will be in Break Room 2. The other participants can choose to enter either room or change to another room all by yourselves. You may of course also choose not to be in any breakout room.

'Extra conversation breakout rooms' are available. Participants can request a new breakout room for a conversation with friends.

It is possible to leave the Zoom meeting temporarily and come back for a later talk.

We sincerely hope that you will participate in the virtual social gatherings too.

For Wechat users: we will create a Wechat group for the conference; this allows for speedy communication if needed (for example, if some problem with Zoom arises).

Instructions for speakers:

Each invited talk will last at most 60 minutes and each presentation of a contributed paper will last at most 25 minutes.

There are two options for arranging your invited talk or presentation: 1. The talk takes 60 minutes and the presentation takes 25 minutes with no Q&A session. 2. The talk takes 55 minutes and the presentation takes 20 minutes, with a Q&A session of 5 minutes.

Because the conference takes place simultaneously in several different time zones, we need to be very strict about keeping the schedule, and therefore we cannot allow talks to take even a minute longer than the allotted time.

For the invited talks, a first notice will be given 15 minutes before the end of each talk (after 45 minutes): a bell will be ringed, and a second notice will be given 5 minutes before the end of each talk (after 55 minutes), indicating that it's time to wrap up. When the time is really up (after 60 minutes), the bell is ringed and ringed.

For the presentations of contributed papers, a first notice will be given 5 minutes before the end of each talk (after 20 minutes): a bell will be ringed, indicating that it's time to wrap up. When the time is really up (after 25 minutes), the bell is ringed again.

Please note that once the last bell is ringed, the moderator will mute the speaker and stop the screen sharing.

It is highly recommended to prepare slides that can be screen shared for your presentation.

The cultural event will be held once every day. Different Chinese traditional instruments will be played by students. They will be held in the conference room and on Zoom.

Thank you once again for participating in LORI 2021. We are looking forward to seeing you in Xi'an and on Zoom!