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**Second round announcement and call for papers of  
The 9th International Symposium of Domain Theory and Its Applications**  
(<http://math.nie.edu.sg/isdt09>)

The 9th International Symposium of Domain Theory and its Applications will take place on July 4-6, 2022 and will be held online. The symposium will be organized by Mathematics and Mathematics Education Academic Group, National Institute of Education, Nanyang Technological University, Singapore. This conference is intended to serve as a forum for researchers in Domain Theory and other related areas to exchange their recent work and aims to broaden the scope of applications of the theory in Computer Science, Mathematics and other disciplines.

### **SYMPOSIUM HISTORY**

- 1<sup>st</sup> ISDT in Shanghai, China, October 17-24, 1999
- 2<sup>nd</sup> ISDT in Chengdu, China, October 22-26, 2001
- 3<sup>rd</sup> ISDT in Xi'an, China, May 10-14, 2004
- 4<sup>th</sup> ISDT in Changsha, China, June 2-6, 2006
- 5<sup>th</sup> ISDT in Shanghai, China, September 11-14, 2009
- 6<sup>th</sup> ISDT in Changsha, China, October 25-29, 2013
- 7<sup>th</sup> ISDT in Shijiazhuang, China, June 2-5, 2017
- 8<sup>th</sup> ISDT in Yangzhou, China, June 14-16, 2019

### **INVITED SPEAKERS**

- Abbas Edalat, Imperial College, London, United Kingdom
- Tristan Bice, Institute of Mathematics of the Czech Academy of Sciences, Czech Republic
- Yasunao Hatori, Shimane University, Japan
- Jean Goubault-Larrecq, ENS Cachan, France
- Xiaodong Jia, Hunan University, China
- Jimmie Lawson, Louisiana State University, United States of America
- Qingguo Li, Hunan University, China
- Mike Mislove, Tulane University, United States of America
- Xiaoquan Xu, Minnan Normal University, China

### **TOPICS**

Include but not limited to:

- Topological and logical aspects of domains
- Categories of domains and powerdomains
- Continuous posets and quantum domains
- Partial orders and lattice theory
- Types, process algebra and concurrency
- Non-classical logics and applications in computer science
- Programming language semantics
- Applied topology related to partial orders
- Topological pospaces and topological algebras

## DEADLINE FOR SUBMISSION

The deadline for paper submission has now been extended to **15 April 2022**. All submitted papers should be unpublished work and not submitted for publication in other journals. All papers should be in PDF format and submitted via EasyChair

(<https://easychair.org/conferences/?conf=9thisdt>)

All submissions will be peer reviewed. The *Proceedings of the 9<sup>th</sup> ISDT* will be published after the meeting. They will appear later this year, as a volume in the forthcoming series *Electronic Notes in Theoretical Informatics and Computer Science* (ENTICS, for short). ENTICS is an open access, online series published using the support and facilities of Episciences.org (<https://episciences.org>). Detailed instructions, together with the updated style files for preparing the final version of papers accepted for the 9<sup>th</sup> ISDT will be provided later. Authors are encouraged to use the LaTeX macros (available at <http://math.nie.edu.sg/isdt09>) to prepare their submission to ISDT.

## PROGRAM COMMITTEE

<b>Chairs:</b>	Achim Jung, UK	Qingguo Li, China
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	Dongsheng Zhao, Singapore	
<b>Members:</b>	Shuli Chen, China	Yixiang Chen, China
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Ng Kok Min, Singapore

## IMPORTANT DATES

Submission deadline: April 15, 2022  
Acceptance notification: May 30, 2022  
Conference: July 4-6, 2022

ORGANIZING COMMITTEE OF ISDT22  
Mathematics and Mathematics Education,  
National Institute of Education,  
Nanyang Technological University

March 10, 2022