

# Computation, Analysis & Applications of PDEs with Nonlocal and Singular Operators

## Tutorial II

(25 February 2022)



\*[Registration](#) is required for this program.

### Venue

Virtual: The details and link will be sent to you before the program commences after registration has been processed.



## ORGANIZING COMMITTEE

### Co-Chairs

Jie Shen  
Purdue University

Li-Lian Wang  
Nanyang Technological University

### Members

Mark Ainsworth  
Brown University

Weizhu Bao  
National University of Singapore

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All times are indicated in **GMT+8**.

For time zones conversion: [Click Here](#)

GMT Time Reference				
Greenwich Mean Time United Kingdom (GMT+0)	Canada USA (GMT -5)*	France Germany (GMT +1)	India (GMT +5:30)	China Singapore (GMT +8)
0100	2000	0200	0630	0900
0600	0100	0700	1130	1400
*(GMT -5) is the day before the stated date of the morning talk (GMT+8).				

Friday, 25 February 2022		
Time (GMT +8)	Title	Speaker
0900	Session Chair: Li-Lian Wang (Nanyang Technological University)	
0900–0950	Numerical approximations of elliptic fractional operators: Part I	Andrea Bonito Texas A&M University, USA
0950–1000	Break	
1000–1050	Numerical approximations of elliptic fractional operators: Part II	Andrea Bonito Texas A&M University, USA
1050–1100	Break	
1100–1150	Elliptic fractional operators in applications	Andrea Bonito Texas A&M University, USA
1150–1400	Lunch Break	
1400	Session Chair: Li-Lian Wang (Nanyang Technological University)	
1400–1540	A tutorial introduction to spectral methods for some singular and nonlocal problems	Li-Lian Wang Nanyang Technological University, Singapore