Multiscale Analysis and Methods for Quantum and Kinetic Problems

Tutorial Lectures II

(13–17 Feb 2023)

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Venue

IMS Auditorium
Institute for Mathematical Sciences
3 Prince George's Park
Singapore 118402

For more information: Click here

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Monday, 13 February 2023		
Time	**Title**	**Speaker**
0945–1000	Registration	
1000–1100	Mathematical analysis of models for living tissues and free boundary problems (I)	Benoît Perthame Sorbonne Université, France
1100–1130	*Coffee Break*	
1130–1230	Mathematical analysis of models for living tissues and free boundary problems (II)	Benoît Perthame Sorbonne Université, France
1230–1400	Lunch Break	
1400–1500	TBA	Alexander Ostermann Universität Innsbruck, Austria
1500–1530	*Coffee Break*	
1530–1630	TBA	Alexander Ostermann Universität Innsbruck, Austria

Tuesday, 14 February 2023		
Time	**Title**	**Speaker**
0945–1000	Registration	
1000–1100	Mathematical analysis of models for living tissues and free boundary problems (III)	Benoît Perthame Sorbonne Université, France
1100–1130	*Coffee Break*	
1130–1230	Mathematical analysis of models for living tissues and free boundary problems (IV)	Benoît Perthame Sorbonne Université, France
1230–1400	Lunch Break	
1400–1500	TBA	Alexander Ostermann Universität Innsbruck, Austria
1500–1530	*Coffee Break*	
1530–1630	TBA	Alexander Ostermann Universität Innsbruck, Austria

Wednesday, 15 February 2023		
Time	**Title**	**Speaker**
0945–1000	Registration	
1000–1100	Error estimates of splitting methods for the nonlinear Schrödinger equation (I)	Chunmei Su Tsinghua University China
1100–1130	*Coffee Break*	
1130–1230	Error estimates of splitting methods for the nonlinear Schrödinger equation(II)	Chunmei Su Tsinghua University China
1230–1400	Lunch Break	
1400–1500	Error estimates of splitting methods for the nonlinear Schrödinger equation (III)	Chunmei Su Tsinghua University China
1500–1530	*Coffee Break*	
1530–1630	Junior Talks	

Thursday, 16 February 2023		
Time	**Title**	**Speaker**
0945–1000	Registration	
1000–1100	Introduction to dipolar quantum gases(I)	Blair Blakie University of Otago, New Zealand
1100–1130	*Coffee Break*	
1130–1230	Introduction to dipolar quantum gases(II)	Blair Blakie University of Otago, New Zealand
1230–1400	Lunch Break	
1400–1500	Introduction to dipolar quantum gases(III)	Blair Blakie University of Otago, New Zealand
1500–1530	*Coffee Break*	
1530–1630	Introduction to dipolar quantum gases(IV)	Blair Blakie University of Otago, New Zealand

Friday, 17 February 2023		
Time	**Title**	**Speaker**
0945–1000	Registration	
1000–1100	Numerical analysis for dispersive equations: from classical regime to oscillatory regime (I)	Yongyong Cai Beijing Normal University, China
1100–1130	*Coffee Break*	
1130–1230	Numerical analysis for dispersive equations: from classical regime to oscillatory regime (II)	Yongyong Cai Beijing Normal University, China
1230–1400	Lunch Break	

Friday, 17 February 2023		
Time	**Title**	**Speaker**
1400–1500	Numerical analysis for dispersive equations: from classical regime to oscillatory regime (III)	Yongyong Cai Beijing Normal University, China
1500–1530	*Coffee Break*	
1530–1630	Numerical analysis for dispersive equations: from classical regime to oscillatory regime (IV)	Yongyong Cai Beijing Normal University, China

This schedule is accurate as of 18 Jan 2023.