

Program at a glance

		July 10 (Monday)	July 11 (Tuesday)	July 12 (Wednesday)	July 13 (Thursday)	July 14 (Friday)	
Morning Session	08:00-08:30	Opening Chair: Yachun Li					
	08:30-09:30	Shuxing Chen Chair: Tatsien Li	Emmanuele DiBenedetto Chair: Gui-Qiang Chen	Song Jiang Chair: Harald Garcke	TS4 (202), TS5 (205), TS12 (206), TS15 (203)	TS17 (205)	
	9:30-10:00 Tea Break						
	10:00-11:00	Henrik Shahgholian Chair: Jose F. Rodrigues	Tao Luo Chair: Shuxing Chen	Mete Soner Chair: Shige Peng	TS4 (202), TS5 (205), TS12 (206)	TS10 (206), TS15 (203), TS17 (205)	
	11:00-12:00	Elena Bonetti Chair: Henrik Shahgholian	Michael Hinze Chair: Charlie Elliott	Harald Garcke Chair: Juan Luis Vazquez			
12:00-14:00 Lunch							
Afternoon Session	14:00-15:20	TS8 (202), TS11 (203), TS13 (205), TS14 (206)	TS1 (205), TS3 (203), TS6 (206), TS16 (202)	TS7 (202), TS10 (206), TS11 (203), TS17 (205)	Free Discussion	14:00-15:00 Ya-Guang Wang Chair: Avner Friedman	
	15:20-15:40 Tea Break					15:00-15:30 Tea Break	
	15:40-17:00	TS1 (205), TS6 (206), TS8 (202), S9 (203)	TS1 (205), TS2 (202), TS3 (203), TS12 (206)	TS7 (202), TS13 (206), TS14 (203), TS16 (205)		15:30-16:30 Avner Friedman Chair: Ya-Guang Wang	
	17:10-18:10	TS1 (205), TS6 (206), TS9 (203)	TS1 (205), TS2 (202), TS9 (203), TS12 (206)	TS2 (202), TS14 (203), TS16 (205)		16:30 Closing	
	18:30-		Banquet				

1. **TS: Theme Session** (Theme sessions are chaired by session organizers)
2. Every 40 minutes for an invited talk, or for two contribute talks.
3. **Special session** is scheduled on July 14 (whole day) (204).
4. **Panel session** is scheduled on July 11 (afternoon) (204).
5. The number in the parentheses is the lecture room number in **Chen Ruiqiu building**.

Schedule by Day: Day 1

July 10 (Monday): Chen Ruiqiu Bulding				
Morning (Lecture Hall)				
08:00-08:30 Chair: Yachun Li	Opening			
08:30-09:30 Chair: Tatsien Li	Shuxing Chen <i>Free boundary problems in shock theory</i>			
09:30-10:00	Tea Break			
10:00-11:00 Chair: Jose F. Rodrigues	Henrik Shahgholian <i>Title: Free boundary regularity (the system case)</i>			
11:00-12:00 Chair: Henrik Shahgholian	Elena Bonetti <i>Dissipative PDE systems in bulk and domains: a phase transition approach and new perspectives</i>			
12:10-14:00	Lunch Break			
Afternoon				
Room #	202	203	205	206
14:00-15:20	TS 8	TS 11	TS 13	TS 14
15:20-15:40	Tea Break			
15:40-17:00	TS 8	TS 9	TS 1	TS 6
17:10-18:10		TS 9	TS 1	TS 6
Theme Sessions				
TS 1: Rm 205 Henrik Shahgholian, Erik Lindgren	15:40-17:00	Wenhui Shi, Luca Lombardini		
	17:10-18:10	Jinwan Park, Mark Allen		
TS 6: Rm 206 Mikhail Feldman, Wei Xiang	15:40-17:00	Myoungjean Bae, Jun Chen		
	17:10-18:10	Feimin Huang		
TS 8: Rm 202 Michael Hinze, Michael Hintermuller	14:00-15:20	Michael Hintermueller, Lubomir Banas		
	15:40-17:00	Tobias Keil, Andrew Lam		
TS 9: Rm 203 Zhen Lei, Chunjing Xie	15:40-17:00	Chengchun Hao, Xumin Gu		
	17:10-18:10	Xin Liu, Rab Nawaz		
TS 11: Rm 203 Robert Nurnberg	14:00-15:20	Maxim Olshanskiy, Shawn Walker		
TS 13: Rm 205 Jose F. Rodrigues, Juan Luis Vazquez	14:00-15:20	Antonin Chambolle, Hugo Tavares		
TS 14: Rm 206 Leonid Berlyand, Lei Zhang, Wenrui Hao	14:00-15:20	Peng Zhang, Harunori Monobe		

Schedule by Day: Day 2

July 11 (Tuesday): Chen Ruiqiu Bulding				
Morning (Lecture Hall)				
08:30-09:30 Chair: Gui-Qiang Chen	Emmanuele DiBenedetto <i>A necessary and sufficient condition for the continuity of local minima of parabolic variational integrals with linear growth</i>			
09:30-10:00	Tea Break			
10:00-11:00 Chair: Shuxing Chen	Tao Luo <i>Some recent developments on fluids free boundary problems</i>			
11:00-12:00 Chair: Charlie Elliott	Michael Hinze <i>Optimal control of multiphase flows</i>			
12:10-14:00	Lunch Break			
Afternoon				
Room #	202	203	205	206
14:00-15:20	TS 16	TS 3	TS 1	TS 6
15:20-15:40	Tea Break			
15:40-17:00	TS 2	TS 3	TS 1	TS 12
17:10-18:10	TS 2	TS 9	TS 1	TS 12
Theme Sessions				
TS 1: Rm 205 Henrik Shahgholian, Erik Lindgren	14:00-15:20	Dennis Kriventsov, Ryan Hynd		
	15:40-17:00	Hayk Mikaelyan, Karen Yeressian		
	17:10-18:10	Morteza Fotouhi, Sunghan Kim		
TS 2: Rm 202 Harald Garcke, Elisabetta Rocca	15:40-17:00	Helmut Abels, Antonio Segatti		
	17:10-18:10	Kei Fong Lam, Ken Shirakawa		
TS 3: Rm 203 Avner Friedman	14:00-15:20	Bei Hu, Leonid Berlyand		
	15:40-17:00	Nicolas Meunier		
TS 6: Rm 206 Mikhail Feldman, Wei Xiang	14:00-15:20	Chunjing Xie, Beixiang Fang		
TS 9: Rm 203 Zhen Lei, Chunjing Xie	17:10-18:10	Masashi Aiki		
TS 12: Rm 206 John Ockendon, Song Jiang, Yichao Zhu	15:40-17:00	John Ockendon, Zhen Zhang, Qinghai Zhang		
	17:10-18:10	Hong-Ming Yin, Dongdong He		
TS 16 Jin Liang	14:00-15:20	Fahuai Yi, Min Dai		

Schedule by Day: Day 3

July 12 (Wednesday): Chen Ruiqiu Bulding				
Morning (Lecture Hall)				
08:30-09:30 Chair: Harald Garcke	Song Jiang <i>Nonlinear stability/instability in the Rayleigh-Taylor problem of stratified compressible MHD fluids</i>			
09:30-10:00	Tea Break			
10:00-11:00 Chair: Shige Peng	Mete Soner <i>Title: Singular control in economics</i>			
11:00-12:00 Chair: Juan Luis Vazquez	Harald Garcke <i>Cahn-Hilliard-Darcy models for tumor growth and related free boundary problems</i>			
12:10-14:00	Lunch Break			
Afternoon				
Room #	202	203	205	206
14:00-15:20	TS 7	TS 11	TS 17	TS 10
15:20-15:40	Tea Break			
15:40-17:00	TS 7	TS 14	TS 16	TS 13
17:10-18:10	TS 2	TS 14	TS 16	
Theme Sessions				
TS 2: Rm 202 Harald Garcke, Elisabetta Rocca	17:10-18:10	Sergio Frigeri, Orestis Vantzoz		
TS 7: Rm 202 Shige Peng, Lihe Wang	14:00-15:20	Shige Peng, Zhongmin Qian		
	15:40-17:00	Ying Hu, Hanwu Li		
TS 10: Rm 206 Yves van Gennip	14:00-15:20	Yves van Gennip, Matthew Thorpe		
TS 11: Rm 203 Robert Nurnberg	14:00-15:20	Aymen Laadhari, Luca Dede		
TS 13: Rm 206 Jose F. Rodrigues, Juan Luis Vazquez	14:00-15:20	Yannick Sire, Ki-Ahm Lee		
TS 14: Rm 203 Leonid Berlyand, Lei Zhang, Wenrui Hao	15:40-17:00	Leonid Berlyand, Nicolas Meunier		
	17:10-18:10	Qi Wang, Julieta Bollati		
TS 16: Rm 205 Jin Liang	15:40-17:00	Xinfu Chen, Jin Liang		
	17:10-18:10	Jianwei Lin, Max Reppen		
TS 17: Rm 205 Carlos N.Rautenberg, Lisa Santos	14:00-15:20	Nobuyuki Kenmochi, Takeshi Fukao		

Schedule by Day: Day 4

July 13 (Thursday): Chen Ruiqiu Bulding				
Morning				
Room #	202	203	205	206
08:30-09:30	TS 4	TS 15	TS 5	TS 12
09:30-10:00	Tea Break			
10:00-12:00	TS 4		TS 5	TS 12
12:00-14:00	Lunch Break			
14:00-	Free Discussion			
Theme Sessions				
TS 4: Rm 202 Yachun Li, Dehua Wang, Weike Wang	08:30-09:30	Seung-Yeal Ha, Jun Li		
	10:00-12:00	Ming Mei, Ronghua Pan, Tong Yang		
TS 5: Rm 205 Charlie Elliott, Vanessa Styles	08:30-09:30	Harald Garcke, Vanessa Styles		
	10:00-12:00	Charlie Elliott, Robert Nurnberg, Chandrasekhar Venkataraman		
TS 12: Rm 206 John Ockendon, Song Jiang, Yichao Zhu	08:30-09:30	Huaxiong Huang, Yibing Chen		
	10:00-12:00	Lihua Lv, Liang Xu, Wenjun Ying, Junbo Cheng, Weisheng Zhang		
TS 15: Rm 203 Serena Dipierro, Luca Lombardini	08:30-09:30	8:50-9:30 Hayk Mikayelyan		

Schedule by Day: Day 5

July 14 (Friday): Chen Ruiqiu Bulding			
Morning			
Room #	203	205	206
08:30-09:30		TS 17	
09:30-10:00	Tea Break		
10:00-12:00	TS 15	TS 17	TS 10
12:00-14:00	Lunch Break		
14:00-	Free Discussion		
Theme Sessions			
TS 10: Rm 206 Yves van Gennip	10:00-12:00	Hayk Aleksanyan, Xiaoqun Zhang, Aderrahim Elmoataz	
TS 15: Rm 203 Serena Dipierro, Luca Lombardini	10:00-12:00	Yong-Cheol Kim, Noriaki Yamazaki, Xifeng Su Andrea Ceretani	
TS 17: Rm 205 Carlos N.Rautenberg, Lisa Santos	08:30-09:30	Lisa Santos	
	10:00-12:00	Ryan Hynd, Carlos N. Rautenberg, Mohammad Safdari	
Afternoon (Lecture Hall)			
14:00-15:00 Chair: Avner Friedman	Ya-Guang Wang <i>Stability of Prandtl boundary layers</i>		
15:00-15:30	Tea Break		
15:30-16:30 Chair: Ya-Guang Wang	Avner Friedman <i>Free boundary problems arising in biology</i>		
16:30	Closing		
The End			