# International Workshop on Critical Phenomena

Venue: SA223, Science Building I, NCTU

### Date: Jul. 2, 2018

8:30-9:20	Registraion	
9:30-10:20	Limiting Sobolev Estimates for Vector Fields and Canceling Differential Operators (I)	Jean Van Schaftingen
10:20-10:40	Coffee Break	
10:40-11:30	Limiting Sobolev Estimates for Vector Fields and Canceling Differential Operators (II)	Jean Van Schaftingen
11:30–11:40	Short Break	
11:40-12:30	Limiting Sobolev Estimates for Vector Fields and Canceling Differential Operators (III)	Jean Van Schaftingen
12:30–14:00	Lunch Break	
14:00-14:50	Weighted Norm Inequality: Endpoint and $L^2$ Cases (I)	Chun-Yen Shen
14:50-15:10	Coffee Break	
15:10-16:00	Weighted Norm Inequality: Endpoint and $L^2$ Cases (II)	Chun-Yen Shen
16:00–16:10	Short Break	
16:10-17:00	Weighted Norm Inequality: Endpoint and $L^2$ Cases (III)	Chun-Yen Shen



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#### Date: Jul. 3, 2018

9:00-9:50	Bourgain-Brezis Approximation for Critical Sobolev Spaces (I)	Po Lam Yung
9:50-10:10	Coffee Break	
10:10-11:00	Bourgain-Brezis Approximation for Critical Sobolev Spaces (II)	Po Lam Yung
11:00-11:10	Short Break	
11:10-12:00	Bourgain-Brezis Approximation for Critical Sobolev Spaces (III)	Po Lam Yung
12:00-13:30	Lunch Break	
13:30–14:20	Sharp Commutator Estimates via Harmonic Extensions (I)	Armin Schikorra
14:20-14:30	Short Break	
14:30–15:20	Sharp Commutator Estimates via Harmonic Extensions (II)	Armin Schikorra
15:20-15:40	Coffee Break	
15:40–16:30	Sharp Commutator Estimates via Harmonic Extensions (III)	Armin Schikorra



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### Date: Jul. 4, 2018

9:00–9:50 9:50–10:10	Minimizers for Energies of Related to Dislocation Theory (I) Coffee Break	Joan Verdera
10:10-11:00	Minimizers for Energies of Related to Dislocation Theory (II)	Joan Verdera
11:00-11:10	Short Break	
11:10-12:00	Minimizers for Energies of Related to Dislocation Theory (III)	Joan Verdera
12:00-13:30	Lunch Break	
13:30–14:20	On the Structure of PDE-constrained Measures and Applications (I)	Filip Rindler
14:20–14:30	Short Break	
14:30–15:20	On the Structure of PDE-constrained Measures and Applications (II)	Filip Rindler
15:20-15:40	Coffee Break	
15:40–16:30	On the Structure of PDE-constrained Measures and Applications (III)	Filip Rindler

