

Conference Agenda

Date: June, 08-09 , 2019

South Building 219

	Time	Topic	Speaker	Chair
Morning, June 08	08:50-09:00	Introduction and Welcome		Bo Zhang
	09:00-10:00	Some Open Inverse Problems	Gunther Uhlmann	
	10:00-10:30	Coffee Break, Photo		
	10:30-11:00	An Inverse Problem of Recovering Density of an Elastic Medium	Sombuddha Bhattacharyya	Gunther Uhlmann
	11:00-11:30	On the geometric structures of conductive transmission eigenfunctions and their application	Xinlin Cao	
	11:30-12:00	Reconstruction of a locally perturbed planar surface using plasmonic sensing	Doosung Choi	
	12:00-14:00	Lunch		
Afternoon, June 08	14:00-14:30	Localized resonance and its applications in imaging and cloaking	Youjun Deng	Gen Nakamura
	14:30-15:00	The monotonicity based method for the inverse crack scattering problem	Takashi Furuya	
	15:00-15:30	Inverse problem for fractional Schrodinger equation with non-local and local boundary	Tuhin Ghosh	
	15:30-16:00	Coffee Break		
	16:00-16:30	Reflection principle with applications to inverse obstacle scattering with a single incoming wave	Guanghui Hu	Jenn-Nan Wang
	16:30-17:00	On inverse scattering for Stark Hamiltonians	Atsuhide Ishida	
	17:00-17:30	Artifact suppression in X-ray CT images	Soomin Jeon	
	18:00	Dinner		

Host: Academy of Mathematics and System Science, CAS

The second day (June 9)

	Time	Topic	Speaker	Chair
Morning, June 09	09:00-09:30	Corner Scattering	Jingni Xiao	Hyeonbae Kang
	09:30-10:00	Regularization of inverse problems by two-point gradient methods with convex constraints	Min Zhong	
	10:00-10:30	Coffee Break		
	10:30-11:00	Variational Bayes' approach for functions and applications to some inverse problems	Junxiong Jia	Jijun Liu
	11:00-11:30	On decay rate of solutions for the stationary Navier-Stokes equation in an exterior domain	Puzhao Kow	
	11:30-12:00	Weak Galerkin Method for Electrical Impedance Tomography Inverse Problem	Ying Liang	
	12:00-14:00	Lunch		
Afternoon, June 09	14:00-14:30	Inverse problems for elliptic equations with power type nonlinearities	Yi-Hsuan Lin	Atsuhide Ishida
	14:30-15:00	A Linearized Inverse Boundary Value Problem in Elasticity with Transversally Isotropic Perturbations	Yang Yang	
	15:00-15:30	Analysis and Application of Optimal Transport For Challenging Seismic Inverse Problems	Yunan Yang	
	15:30-16:00	Coffee Break		
	16:00-16:30	An inverse Sturm-Liouville problem revisited: inversion of trace formulas	Jian Zhai	Hongyu Liu
	16:30-17:00	Electromagnetic scattering and inverse scattering by rough surfaces and obstacles	Lei Zhang	
	18:00	Dinner		