



Department of Mathematics  
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# Italian-CUHK Workshop on Imaging Science and Optimization

*11 January, 2019 (Friday)*

## **Venue: L3, Science Centre, CUHK**

09:00 – 09:40

Professor Fiorella Sgallari (University of Bologna)

*Whiteness Constraints in a Unified Variational Framework for Image Restoration*

09:40 – 10:20

Professor Tiejong Zeng (CUHK)

*Convex blind image deconvolution with inverse filtering*

10:40 – 11:20

Professor Serena Morigi (University of Bologna)

*Decomposition of scalar fields over surfaces via splitting optimization strategies*

11:20 – 12:00

Professor Ronald Lok Ming Lui (CUHK)

*Mathematical models for restoration of turbulence-degraded images*

## **Venue: LT3, Lady Shaw Building, CUHK**

13:30 – 14:10

Professor Benedetta Morini (Università di Firenze)

*Trust-region methods for finite-sum minimization*

14:10 – 14:50

Professor Marco Donatelli (Università degli Studi dell'Insubria)

*Structure preserving preconditioning for frame-based image deblurring*

*All are Welcome*