

# PDE Workshop at Sendai

Kazuhiro Ishige (Tohoku University)

Masashi Misawa (Kumamoto University)

Date and Time : Thursday, May 26, 2016 ; 13:20 – Friday, May 27, 2016 ; 17:30

Place : Kawai Hall, Mathematical Institute,  
Faculty of Sciences, Tohoku University

## Schedule

### May 26, Thursday

13:20 Opening

13:30–14:20 Kazumasa Kuwada, Tokyo Institute and Technology  
Analysis of heat distributions on metric measure spaces with a lower Ricci curvature bound

14:40–15:30 Masashi Misawa, Kumamoto University  
Local regularity criterion for the p-harmonic map heat flows

16:00–16:50 Takayoshi Ogawa, Tohoku University  
Global behavior of solutions to a drift-diffusion equation in higher dimensions

*Banquet*

### May 27, Friday

10:10–11:00 Juha Kinnunen, Aalto University  
Parabolic weighted norm inequalities

11:20–12:10 Fabrice Baudoin, Purdue University  
Hypo-coercive estimates for hypoelliptic diffusions

*Lunch*

- 14:00–14:50 Yohei Fujishima, Shizuoka University  
Stability for parabolic quasiminimizers
- 15:10–16:00 Masashi Mizuno, Nihon University  
Existence of Brakke’s flow with Neumann boundary conditions
- 16:30–17:20 Kazuhiro Kuwae, Fukuoka University  
Liouville property for harmonic maps between metric spaces
- 17:30 Closing

This symposium is sponsored by the JSPS grant in scientific research;  
Basic Research A #15H02058 (K. Ishige)  
Basic Research C #15K04962 (M. Misawa)

Kazuhiro Ishige (Tohoku University) Tel: 022-795-7712  
e-mail: [ishige@math.tohoku.ac.jp](mailto:ishige@math.tohoku.ac.jp)

Masashi Misawa (Kumamoto University) Tel: 096-342-3343  
e-mail: [misawa@aster.sci.kumamoto-u.ac.jp](mailto:misawa@aster.sci.kumamoto-u.ac.jp)