Workshop on Mathematics in Computation Theory

-- Geometric Complexity Theory and Related Topics --

Date: March 7—9 2018.

Place: Graduate School of Information Sciences, Tohoku University, Sendai, Japan

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Program

March 7 (Wed) Middle Lecture room of GSIS 2F

10:15 Opening and Introduction

Takeshi Tokuyama (Tohoku University)

10:30 -12:00

Christian Ikenmeyer (MPII, Germany)

"Geometric complexity theory: An ambitious approach towards P versus NP"

12:00—13:30 Lunch Break

13:30 - 15:00

Satoru Iwata (U. Tokyo)

Matroid Parity Problems (tentative title)

15:00- 15:30 Break

15:30 - 16:00

Takeshi Tokuyama (Tohoku U)

Enumeration on Squared Ice model

16:00-17:00

TBD (Some talks planned)

March 8 (Thr) Middle Lecture room of GSIS 2F

10:00-12:00

Discussion and work together.

13:00 - 14:00

Christian Ikenmeyer (MPII)

"Representation theory and algebraic geometry in geometric complexity theory"

14:00-14:30

Break

14:30—16:00 TBD

March 9 10:00---12:00 Class room of GSIS 8F Discussion about future plan of GCT project

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