

Various Aspects of Algebraic Geometry

December 12 morning - 13 noon, 2015

Room N232, Science Hall, International Christian University (ICU)

PROGRAM

December 12, (Saturday)

- 9:45–10:45 : **Hiro-o TOKUNAGA** (Tokyo Metropolitan University)
Integral sections of elliptic surfaces and contact conics to plane quartics
- 11:00–12:00 : **Kenji NISHIGUCHI** (The Japan Research Institute)
Various Aspects of Mathematics and Finance
- 13:30–14:30 : **Toshiyuki MANO** (University of the Ryukyus)
Differential equation of Okubo type and flat structure
- 14:45–15:45 : **Jørgen Ellegaard ANDERSEN** (QGM, Aarhus University)
*Construction of the Witten-Reshetikhin-Turaev TQFT
from conformal field theory*
- 16:00–17:00 : **Kenji UENO** (Seki Kowa Institute of Math., Yokkaichi Univ.)
Abelian conformal field theory and $sl(2, \mathbb{C})$ conformal field theory

December 13, (Sunday)

- 9:45–10:45 : **Yuji SHIMIZU** (ICU)
Quantum curves and Krichever correspondence
- 11:00–12:00 : **David MORRISON** (Univ. of California, Santa Barbara)
*Degenerations of genus two curves à la Namikawa-Ueno
and applications to physics*

Organizers

Masa-Hiko SAITO (Kobe University)

Yuji SHIMIZU (ICU)

Hiro-o TOKUNAGA (Tokyo Metropolitan University)

Supported by

JSPS Grant-in-aid (S) 24224001 (PI: Masa-Hiko SAITO)

URL

<http://www2.kobe-u.ac.jp/~mhsaito/1512ICU/index.html>