

International conference on

# Algebraic Geometry and Integrable Systems Kobe 2016



Date : December 5 - 9, 2016

Place : Rm. Z201, Graduate School of Science, Kobe University

## INVITED SPEAKERS

Ron Donagi (Univ. of Pennsylvania)

Kenji Fukaya (SCGP)

Tamás Hausel (EPFL, Switzerland / IST, Austria)

Hiroshi Iritani (Kyoto Univ.)

Kohei Iwaki (Nagoya Univ.)

Bumsig Kim (KIAS)

Arata Komyo (Kobe Univ.)

Shigeyuki Kondo (Nagoya Univ.)

Frank Loray (Univ. de Rennes1)

Takuro Mochizuki (RIMS, Kyoto Univ.)

Shigeru Mukai (RIMS, Kyoto Univ.)

Motohico Mulase (Univ. of California Davis)

Hiraku Nakajima (Kyoto Univ.)

Yoshinori Namikawa (Kyoto Univ.)

Claude Sabbah (École Polytechnique)

Masa-Hiko Saito (Kobe Univ.)

Carlos Simpson (Univ. de Nice)

Szilard Szabo (Budapest Univ. of Technology and Economics)

Atsushi Takahashi (Osaka Univ.)

Yukinobu Toda (Kavli IPMU)

## THEME

In recent years, there has been much progress and development in the field of algebraic geometry and integrable systems. The theme of this conference is to survey various aspects of mathematical subjects in the field, such as minimal model theory in higher dimensional algebraic geometry, moduli spaces of connections and Higgs bundles, character varieties, geometry of Riemann-Hilbert correspondence, isomonodromic differential systems, and non-abelian Hodge theory. Related to these, topics in Gromov-Witten theory, mirror symmetry and Geometric Langlands correspondences will also be discussed.

We welcome all people who are interested in these subjects.

## ORGANIZERS

Shinobu Hosono (Gakushuin Univ.)

Michi-aki Inaba (Kyoto Univ.)

Masa-Hiko Saito (Kobe Univ.)

Taro Sano (Kobe Univ.)

Atsushi Takahashi (Osaka Univ.)

Kota Yoshioka (Kobe Univ.)

## SUPPORTED BY

JSPS Grant-in-Aid for Scientific Research

(S)24224001 (PI: M.-H. Saito)

(S)16H06337 (PI: A. Takahashi)

(B)26287007 (PI: K. Yoshioka)

JSPS Program for Advancing Strategic International Networks to Accelerate the Circulation of Talented Researchers (PI: Y. Ohnita, OCAMI)

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## HOMEPAGE

<http://www2.kobe-u.ac.jp/~mhsaito/1612kobe/index.html>

