

# Announcement

- 1 Registration at 420 by Computer!
- 2 another registration for participants from abroad...
- 3 On 14th. Meet at 16:45 at the entrance of RIMS and go to Gion corner by bus. (registration on 13th to me)
- 4 Conference dinner: 16th from 18:00 at CO-OP restaurant between RIMS and Math department

## Special Thanks to the Program Coordinators:

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Akira Ishii, Ken-ichi Yoshida,  
Takehiko Yasuda

# Introduction to Non-commutative crepant resolutions, Ulrich modules and generalizations of the McKay correspondence

(3th. June 2016 Yukari ITO (Nagoya Univ.))

**17th. June Fri**  
Wild McKay corr.  
S. Schröer  
Wild quotient sing.  
McKay principle & Hasse principle  
Number theory  
S. Saito  
Wild McKay Correspondence  
T. Yasuda  
char.(k) = p > 0

**Ulrich module**

**Posters** 15th. Wed ~ 17th. Fri  
Poster session (16:00-17:00) at 110  
A. Nolla de Celis  
S. Jung  
J. Karmazyn  
A. Caradot  
T. Shirato  
K. Sato  
C. Enomoto  
W. Hara  
B. Wormleighton  
G. Ouchi

**16th June Thu.**  
Ulrich module K. Yoshida  
Ulrich modules over quotient singularities Y. Nakajima  
Ulrich Bundles on cubic Hypersurface R. Hartshorne  
Global McKay Correspondence I. Nakamura

**Noncomm. Alg. Geom.**

**15th. June Wed.**  
McKay correspondence and Beilinson correspondence S. Okawa  
Non-comm. Hirzebruch surface  
Higher preprojective algebra  
Preprojective algebra  
Maximal Cohen-Macaulay  
"Special"  
Cohen-Macaulay module R. Takahashi  
Noncommutative crepant resolutions  
rigid "Maximal" Cohen-Macaulay MCM module  
H.L. Dao  
Vanden Bergh  
O. Iyama  
I. Mori

15th June  
14:40-15:40  
Colloquium  
by Prof. Hartshorne

**13th. June Monday**  
Algebraic Geometry  
Singularity An. Dn. Eb. En. Es  
McKay correspondence  
Artin-Verdier theory  
Derived McKay correspondence  
derived, higher dim.  
(toric)  
Dimer model K. Ueda  
GIT quotient A. Craw  
Moduli space of Nolla de Celis  
Seung-Jo Jung  
Ben Wormleighton  
H. Uehara  
Crepant resolution