

Cherry Bud Workshop 2006

The 21st Century COE program at Keio
Integrative Mathematical Sciences

(2003 April-2008 March)

The 21st Century COE program

- JSPS (Japan Society for Promotion of Sciences) program
- To promote key institutions in each discipline
- Research and educations in graduate school
- At Keio
 - 2002-2006: Bioscience, Chemistry, Electronics, Psychology, Interdisciplinary (**Next Generation Media**)
 - 2003-2007: Medical Sciences (Cancer, **Stem Cell**), Physics and Mathematics (**Integrative Mathematical Sciences**), **Mechanics**, Social Sciences (**Market Quality**, **Politics**, Human Security)

Integrative Mathematical Sciences:

Progress in Mathematics Motivated by Natural and Social Phenomena

- Transversal Research Project 1
 - **Non-commutative manifolds and discrete geometric objects in the framework of non-commutative geometry**
- Transversal Research Project 2
 - **Mathematical Modelling of Various Phenomena Driven by Data Science**

Cherry Bud Workshop

- Cherry Bud Workshop
 - 21-23, March 2004 at Pan-Pacific Hotel, Yokohama
 - “Analysis of Natural and Social Phenomena: Data Science and System Reduction”
- Cherry Bud Workshop 2005
 - 23-26, February 2005 in Yagami campus
 - “Quantitative Risk Management: Theory and Practice”
- Cherry Bud Workshop 2006
 - 27-30, March 2006 in Yagami campus
 - “Building Models from Data”

Cherry Bud Workshop 2006

- Building models for data drawn from the natural and social sciences among others.
- Bioinformatics, Environmetrics, Mathematical Finance, Quantitative Risk Management among others.
- Better understanding of the **generic process (meta model)** of building good models from data for the underlying phenomena concerned.

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The aim

- Encourage Keio University graduate students to develop their current research projects by providing opportunities for links and interaction with other international researchers in their fields and more generally.
- To provide a stimulating environment for all participants to learn more about recent research and developments in this general area

Organising Committee

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Proceedings

- Presentation files are accessible through the web page: <http://coe.math.keio.ac.jp>
- Printed Proceedings will be shipped to all participants with the CD

Miscellaneous

- Coffee/tea break
 - The Cafeteria La Poire on the ground floor.
- View point (welcome party place)
 - The Forum on the 7th floor of the main building on the opposite side of the entrance foyer.
- Internet connection
 - The Ethernet jack provided for each seat.
 - Several machines are available outside the room.
 - Clean of Viruses please.
- Lunch on Monday, Tuesday and Thursday
 - Please buy your own lunch at the cafeteria or one of the local restaurant.