

< Name of Institution >

Keio University Graduate School of Science and Technology, School of Fundamental Science and Technology

< Project Title >

International Training of Leading Young Researchers in Mathematical Sciences
Borderless Fundamental Science and Technology

< Project Outline >

【The purpose of the project】

It is important for young researchers of the next generation not only to develop their basic research skills but to give broad insight to interdisciplinary problems. This project will train young researchers in the fundamental sciences on an international scale with the goal of providing researcher that possess a borderless vision of basic and applied research. We will particularly focus on researchers for the physics and bioscience fields, and those who aim at a mathematical education. We seek to foster development of researchers in mathematical sciences with a view of life science and applied physics.

【Activities plan】

To internationalize young researchers, this project will send them to overseas partner institutions under which the 21 century COE Program and the Center of Integrative Mathematical Sciences have previously made cooperative agreements. Their dispatch will not simply be a mentorship consignment elsewhere, but will be a joint mentorship with careful planning. Along with the internships, which will improve the international outlook of the participants, workshops and courses will be held in cooperation with the partner institutions to enhance communications opportunities among and between the young researchers.

< Overseas Partner Institution(s) >

University of California, Berkeley, Department of Mathematics, Berkeley, USA.

Boston University, Department of Mathematics & Statistics, Boston, USA.

Yale University, Department of Mathematics, New Haven, USA.

McGill University, School of Computer Science, Montreal, Canada.

Ecole Polytechnique, Centre de mathematiques Laurent Schwartz, Palaiseau cedex, France.

Ecole Centrale Intergroup (Lille, Lyon, Marseille, Nantes, Paris).

EPFL, Bernoulli Center, Lausanne, Swiss.

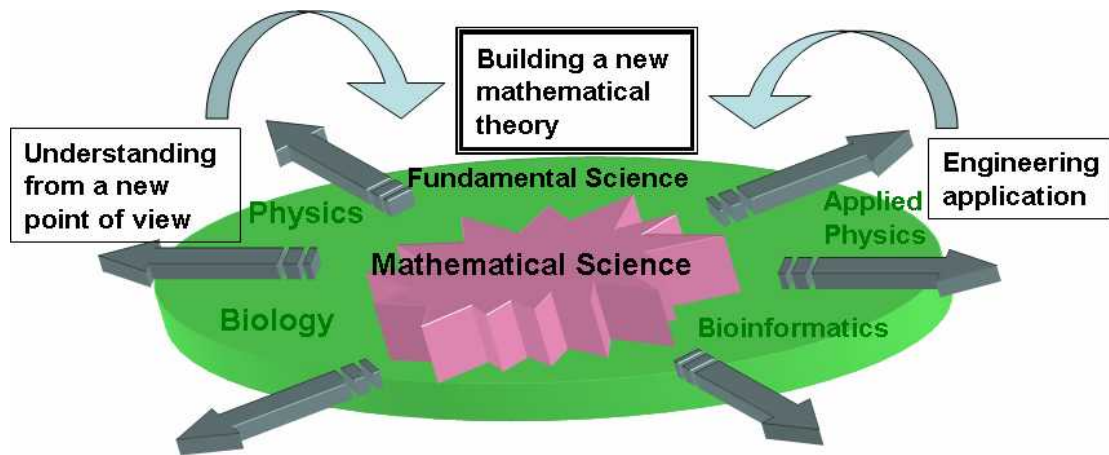
ETH, Institute of Operations Research, Zurich, Swiss.

University of Warwick, Mathematics Institute, Coventry, England

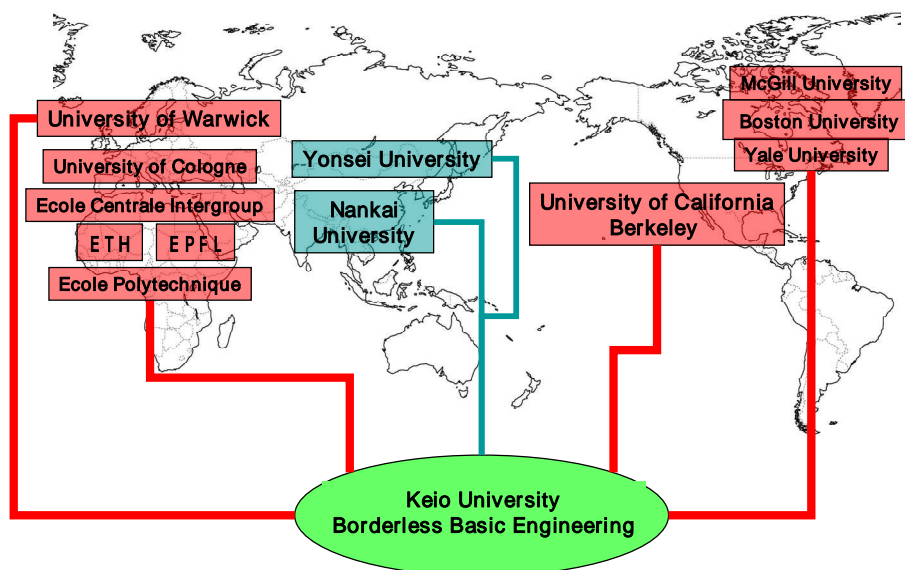
Nankai University, Chern Institute of Mathematics, Tianjin, China.

Yonsei University, Dept. of Mathematics, Seoul, Korea.

< Conceptual Scheme of the Project >



International Relations



< Contact >

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