

Research on Innovation Promotion of interdisciplinary research projects

Scientific Knowledge Creation based on Research Philosophy

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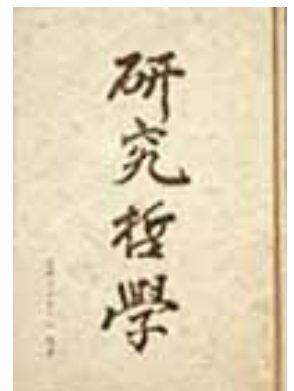
Activities

We explore the "Research Philosophies" of creative researchers, and the "Culture" of creative laboratories

1. "YUP" Colloquium (Forum)

Promote intercultural communication between faculty members and students, in the Materials Science field and the Knowledge Science field, and promote ties with the business community, with the goal of publishing a revised edition of "Research Philosophy"

- Reflect experiences about research activities and explore significant meanings of experiences.
- Find relationships between sensibility of researchers and creativity.
- Discuss research philosophy and educational methods in order to promote creative research.



2. Research on Development Processes and Motivation of Researchers

- Find differences in motivation between Japanese students and foreign students at Japan Advanced Institute of Science and Technology.
- Explore developmental processes and developmental changes in motivation of creative researchers, based on the Japanese traditional concept: "Shu-ha-ri."

Research Philosophy "Kenkyu Tetsugaku"

- Research activities
show entire character of
researchers -
Yui Colloquium (ed.)
JAIST Press, 2005

3. Research on Organizational Knowledge Creation in Academic Laboratories

- Find features of culture and management style in creative academic laboratories through observing research and educational activities directly.
- Explore interactions between researchers and the culture of laboratories from the viewpoint of organizational knowledge creation theory.

Members

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