

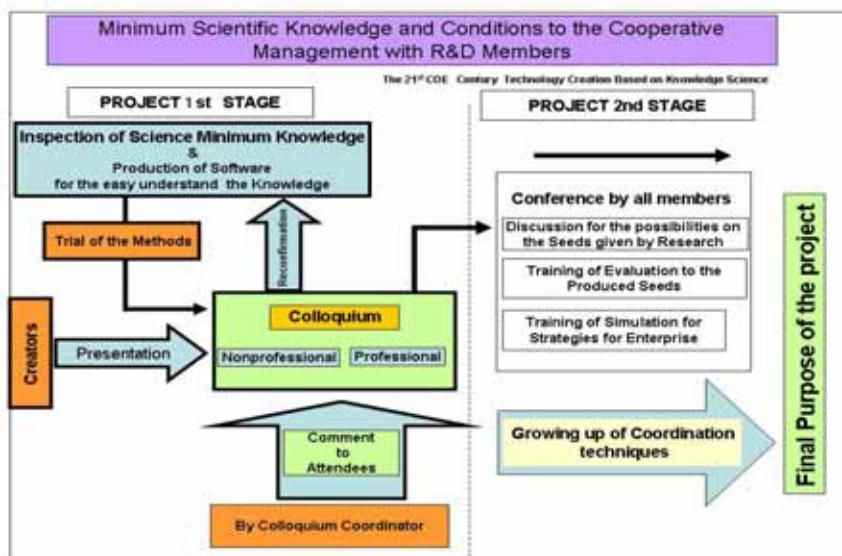
## Minimum Scientific Knowledge and Conditions to the Cooperative Management With R&D Members

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### ✚ Research Outline

In order to educate basic knowledge to non-professional persons and students, suitable essential knowledge are selected for the mutual understanding with R&D members. The Computer Graphics (CG-) Representation are adopted to realize easy understand to the scientific knowledge. Such educated persons are expected to have high ability to recognize and evaluate for the newly developed seeds to enterprise. The convenient tools to understand the essential science knowledge called "Science Minimum Knowledge (SMK)" have been investigated in this project. The main purpose of this project is as follows:

- 1 . Simulation to make the Place for Cooperative Discussion called "Ba" to make shared understanding between business coordinators and R & D members called "creators".
- 2 . Selection of essential and basic items to the scientific knowledge and their CG-representation. The investigation to the method to educate by using of CG-representation.
- 3 . "Knowledge bank system", which is assembled system of the science minimum knowledge, is CG-representation. The investigation to the method to educate by using of CG-represented SMK.



### ✚ Members

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### ✚ Publications

- Control of the figure of merit by the anti-site defect in thermoelectric materials (Bi,Sb)<sub>2</sub>Te<sub>3</sub>H. Iwasaki, A Ohishi, T. Kajihara and S. Sano Jpn. J. Appl. Phys. 42 (2003) 5477-5479
- Non-equilibrium and non-linear stationary state in thermoelectric materials H. Iwasaki, M. Koyano, Y. Ymamura and H. Hidenobu Solid State Communications 130 (2004) 507-510