

## BEANS Project Seminar Report

The BEANS Project Seminar was held for two days on May 19 - 20, 2009 at X Wave Fuchu in Fuchu City, Tokyo Prefecture. The seminar featured invited guests from the Ministry of Economy, Trade and Industry (METI) and the New Energy and Industrial Technology Development Organization (NEDO) and was attended by a total of members. The purpose of the seminar was to report on research and development efforts during the previous fiscal year by researchers in each research area, and to discuss the creation of new technologies through technology fusion between individual centers and the future that will be created by BEANS. Organizers also hoped the seminar would help to improve intra-project cooperation and competitiveness.

The May 19 session featured opening remarks from BEANS Project leader Atsushi Yusa and the presentation of research achievements during the previous fiscal year in poster format, followed by individual discussions in preparation for the group discussions to be held on the following day.

In his opening remarks, BEANS Project Leader Yusa spoke about the purpose, objectives and significance of the seminar, as well as the mission of the BEANS Project members. He also noted the importance of efforts to embody the research vision and scenario in practical form.

Next, 44 research and development achievements for the previous fiscal year were presented in poster form. Individual researchers used their allotted time to give presentations on their posters, hoping to receive the Best Poster Award, and the session included many valuable discussions.



**Opening Remarks  
from Project Leader**



**Poster Presentation**

Following the poster presentations and a break for lunch, discussions to prepare for the group discussions on the following day were held, continuing until late into the night.

The session on the 20<sup>th</sup> featured the group discussions and a report on their results, an overview of the previous fiscal year's research achievements, oral research presentations and the Best Poster Award and Outstanding Research Award ceremony.

In the group discussions, the attendees were divided into groups containing a mix of researchers from the individual BEANS research centers and from industry, government and academia. Two of these groups debated each of the three discussion topics: Future Development of BEANS Processes, Objectives of the BEANS Project and Integration of BEANS Research Areas. The results of the group discussions were presented in a panel discussion format, with participants presenting the most important and unique views and approaches that came out of the group discussions on the topic. Many members of the audience expressed their views as well.

Summaries of the previous fiscal year's research achievements were also presented by the directors of each of the individual BEANS research centers: Professor Shoji Takeuchi of Life BEANS Center, Professor Chihaya Adachi of Life BEANS Kyushu Center, Professor Masakazu Sugiyama of 3D Beans Center, Professor Masafumi Kimata of 3D BEANS Shiga Center and Mr. Toshihiro Ito of Macro BEANS Center.

The oral presentations featured the following outstanding research presentations by researchers recommended by the Center directors. Each presentation was followed by a spirited question-and-answer session.

Life BEANS Center	Yukiko Tsuda
Life BEANS Kyushu Center	Masaya Hirade
3D BEANS Center	Tomohiro Kubota
3D BEANS Shiga Center	Shimpei Ogawa
Macro BEANS Center	Sohei Matsumoto

The awards ceremony acknowledged the achievements of these researchers. In addition, the following persons were awarded the prizes for outstanding poster. The award certificates were presented by Sub-Project Leader Masafumi Kimata.

Best Poster Award	Hideaki Shibata
Outstanding Poster Award	Takeshi Momose, Yoshihiko Watanabe, Makoto Kashiwagi, Shozo Hirata

The conference concluded with an overall summary and review by Sub-Project Leader, Prof. Hiroyuki Fujita.



**Group Discussion**



**Oral Presentation**