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International Science Advisory Committee (ISAC)

The Photon Factory International Science Advisory Committee (ISAC) was chartered by the Institute of Materials Structure Science (IMSS) of the High Energy Accelerator Research Organization (KEK) with providing ongoing advice on the operations and strategic planning for the Photon Factory.

The 4th Photon Factory ISAC meeting was held at the Photon Factory on September 18 and 19, 2009. Table 1 shows a list of 10 members of the Committee. In advance of the meeting, ISAC was provided with written information, including copies of many of the presentations and a list of 9 questions. At the ISAC meeting, ISAC heard a series of technical and scientific presentations. Following questions and discussion, ISAC met in closed session and formulated its observations, conclusions and recommendations.

Below is the answer to one of the questions “Has the merger between the Light Source Division with the KEK Accelerator Laboratory been beneficial for the current and future projects?”

- There is an obvious, extremely positive and constructive new level of involvement of top KEK Accelerator Laboratory management in the long- and short-term needs of synchrotron accelerator technology and operations.

- This involvement assures not only the appropriate level of the operation performance but helps drive a joint “winning strategy” for the high energy physics and photon science programs at KEK in the medium to longer term.

- New appointments of active and highly-qualified managers for 7th Division are timely and well-balanced. This new generation of young scientists will provide leadership well into the future.

Other itemized questions and the answers from PF ISAC can be found at following URL. (http://pfwww.kek.jp/ISAC09Sep/closeoutsumm_091909_final.pdf)

To assess specific areas of PF scientific activity, subcommittee meetings of PF ISAC have been organized and held since 2009. The Light Source Subcommittee, chaired by Dr. E. Gluskin, was held on February 25 and 26, 2010, and reviewed the activities of the Accelerator Division VII of the Accelerator Laboratory, which takes charge of the storage rings of the Photon Factory. Closeout report of this subcommittee can be found at following URL. (<http://pfwww.kek.jp/ISAC09Feb/LSSubcommitteeereport.pdf>)

The 5th Photon Factory ISAC meeting has been scheduled on June 15 and 16, 2010.

Table 1 List of the members of the 4th PF International Science Advisory Committee (ISAC).

FONTES Ernest	Cornell High Energy Synchrotron Source
FUKUYAMA Hidetoshi	Tokyo University of Science
GLUSKIN Efim	Advanced Photon Source
HODGSON Keith	Stanford University, Chairperson of Committee
LINDAU Ingolf	Stanford University
MIKI Kunio	Kyoto University
OHTA Toshiaki	Ritsumeikan University
REE Moonhor	Pohang Accelerator Laboratory
SAILE Volker	University of Karlsruhe
MIZUKI Junichiro	Japan Atomic Energy Agency