

ERL推進室報告

ERL検討会 4月12日2007年

河田洋 ERL計画推進室

Outline

1) PF のISAC のコメントに関して

<http://pfwww.kek.jp/ISAC07/index.html>

2) 19年度予算(その後の情報があれば報告します)

First Photon Factory ISAC Meeting

Executive Summary and Closing Remarks

K. Hodgson, Committee Chairperson

April 4, 2007

ISAC Committee Members

– 1st ISAC Meeting – April 3-4, 2007

E. Fontes – Cornell University

H. Fukuyama – Tokyo University of Science

K. Hodgson – Stanford University, Chairperson

H. Kamitsubo – Riken Wako Institute

I. Lindau – Stanford University

G. Materlik – Diamond Light Source*

K. Miki – Kyoto University

T. Ohta – Ritsumeikan University

V. Saile – University of Karlsruhe

H. Suematsu – Riken Harima Institute

*not present for April 3-4, 2007 meeting

ERL Project



- ISAC continues to strongly support the ERL development in that it offers a route to next generation performance that compliments Spring-8, XFELs and other Japanese light sources. Further, it can strongly engage the KEK accelerator competence and position KEK to be at the forefront of future light sources.
- Developing a compelling science case for the ERL project and facility, including organizing and involving the user community.
- Develop the ERL within the vision of “photon sciences” as a core competency for KEK.
- Develop a realistic, multi-phase project time line based on milestones and incremental successes – utilizing technology proven at KEK.
- Organize, galvanize and strengthen the VUV/SX community in Japan .
- Identify commonality among the future accelerator projects at KEK and better integrate and include the ERL (and PF) in this core accelerator technologies” program.
- Rename the “test facility” and plan it for cutting edge scientific applications in addition to its key R&D role. It is important to identify a “champion” for this project.
- Seek international partners within the Asia-Pacific region for developing and financing and utilizing the large ERL project.