



ICFA Advanced Beam Dynamics Workshop on Future Light Sources

Michaela Marx, DESY

JACoW Team Meeting, Frascati, November 2005



General
Information

What is ICFA?

Workshop-
Status

International Committee for Future Accelerators

Workshop
Specials

Created 1976 to facilitate international collaboration in the construction and use of accelerators for high energy physics. <http://www.fnal.gov/directorate/icfa/>

Organization

6 ICFA panels

What we
need from
JACoW and
what we can
offer

- ICFA Instrumentation Innovation and Development Panel
- ICFA Beam Dynamics Panel
- ICFA Panel on Advanced and Novel Accelerators
- ICFA Standing Committee on Interregional Connectivity
- International Linear Collider Steering Committee
- International High Energy Physics Computing Coordination Committee

Closing
remarks



General
Information

ICFA Beam Dynamics Panel

Workshop-
Status

To encourage and promote international collaboration on beam dynamics studies for present and future accelerators.
<http://www-bd.fnal.gov/icfabd/>

Workshop
Specials

Organization

4 Beam Dynamics Working Groups (or subpanels)

What we
need from
JACoW and
what we
can offer

- **Future Light Sources**
- **High Luminosity e⁺e⁻ Colliders**
- **High-Brightness Hadron Beams**
- **Remote Experiments in Accelerator Physics**

Closing
remarks



General
Information

ICFA Subpanel on Future Light Sources:

Workshop-
Status

The mission of the Future Light Sources (FLS) Subpanel of the ICFA Beam Dynamics Panel is to promote R&D on accelerator physics and technology for development of future light sources.

Workshop
Specials

Organization

The main activity is to organize various workshops.

What we
need from
JACoW and
what we can
offer

The flagship event of the FLS subpanel is the Future Light Sources Workshop Series held every three years.

Closing
remarks

16 members, Chair: K.-J. Kim (ANL-APS, Argonne, USA)

www.aps.anl.gov/asd/ICFA/ICFA-FLS.html



ICFA ABDW on Future Light Sources
Michaela Marx
JACoW Team Meeting, Frascati, Nov 2005



General
Information

Workshop
Information

Workshop
Specials

Organization

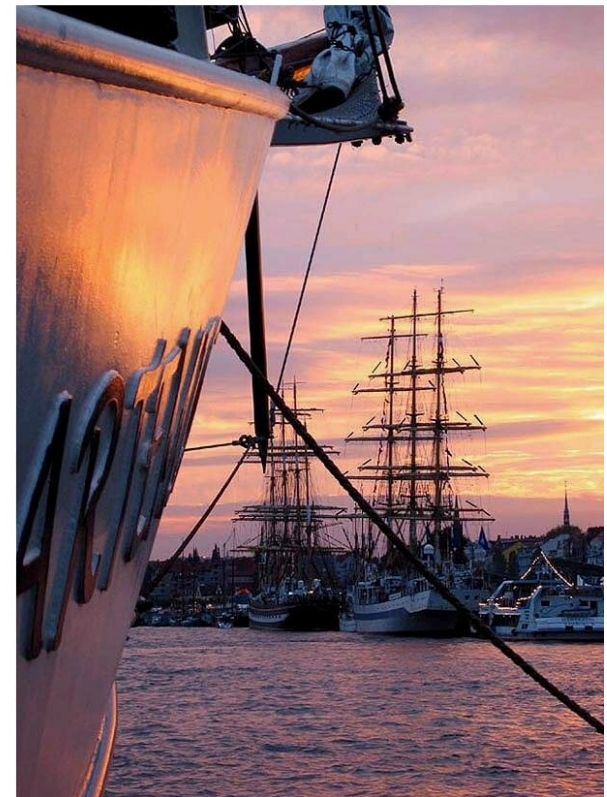
What we
need from
JACoW and
what we can
offer

Closing
remarks

The 37th ICFA Advanced Beam Dynamics Workshop on Future Light Sources will be held from May 15-19, 2006, at DESY, Hamburg, Germany. <http://fls2006.desy.de>

**Organizers: J. Rossbach (DESY)
K-J. Kim (ANL)**

Scientific Program Chair: W. Decking (DESY)





General
Information

Workshop
Information

Workshop
Specials

Organization

What we
need from
JACoW and
what we can
offer

Closing
remarks

Workshop Specials

Program	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
Morning Session		Registration DESY Tour	Working Groups	Plenary Talks	Working Groups	Working Group Summaries
Afternoon Session	Arrival	Plenary Talks	Working Groups	Excursion	Working Groups	Departure
Evening	Registration Reception			Feast/Dinner/Banquet		

- **Plenary Talks + Working Groups + Poster Session**
- **DESY Tour + Excursion**
- **No Abstract Booklet**
- **~150 Participants (contributions from plenary talks and working groups expected, number still unknown)**



General
Information

Workshop
Information

Workshop
Specials

Organization

What we
need from
JACoW and
what we can
offer

Closing
remarks

Workshop Specials - Proceedings

Plenary talks will be published in standard JACoW format using the regular templates and style files. We expect an abstract before the workshop starts.

Working group presentations and all working group summaries (presented on Friday) shall be published as well. Format/Layout will not be standard JACoW, but should match two demands:

- **papers should print in the center of a page in the US and in Europe**
- **papers should be searchable via the hidden fields**



General
Information

Workshop
Information

Workshop
Specials

Organization

What we
need from
JACoW and
what we can
offer

Closing
remarks

Workshop Specials

Working group presentations should be entered to the database with the following meta data:

- **Author**
 - **Title**
 - **Abstract**
 - **Keywords**
 - **Subject**
- } supplied by the working group secretaries,
but entered to the database by the editors
- } generated automatically as hidden fields

Working group chair or secretary collects the required meta data.

Deadline for contributions from the working groups will/must be after the workshop.



General
Information

Workshop
Information

Workshop
Specials

Organization

What we
need from
JACoW and
what we can
offer

Closing
remarks

Workshop Specials

→ **Do we need a new presentation type?**

→ **Idea: New presentation type “Transparencies”**

Allowed formats (suggested by the LOC):

- **WORD**
- **PowerPoint**
- **Postscript**
- **PDF → discussion**
- **landscape + portrait**

Best for editor: source files + postscript version



General
Information

Workshop
Information

Workshop
Specials

Organization

What we
need from
JACoW and
what we can
offer

Closing
remarks

Workshop Specials

Naming conventions - or how should paper IDs for the workshop contributions look?

Plenary talks: Monday afternoon and Wednesday morning

MOO01 ... MOO10

WEO01 ... WEO10

MO = Monday

WE = Wednesday

O = oral

O = oral

01 = consecutive number

01 = consecutive number

Working group contributions: 5 permanent WGs meet on Tuesday and Thursday

WG101 ... WG505

WG1 = Working group 1

01 = consecutive number (whole week)



General
Information

Workshop
Information

Workshop
Specials

Organization

What we
need from
JACoW and
what we can
offer

Closing
remarks

Organization: Where manpower will be needed

- Secretariat | Registration Office
- Auditorium | Poster Hall | Internet Café
- Proceedings Office | Paper Submission Office
- Speakers Preparation Room
- Excursion
- Workshop Banquet
- DESY Tour
- IT Support: Web Appearance
- JACoW: Database Server and SPMS



General
Information

Workshop
Information

Workshop
Specials

Organization

What we
need from
JACoW and
what we can
offer

Closing
remarks

What we need from JACoW:

- **SPMS + Repository + Registration Tool**
 - ▶ local copy again?
- **Support during database setup**
- **Support during adaptation of the SPMS to the workshop requirements**
- **PitStop licenses**

What we can offer to the JACoW collaboration:

- **expertise in setting up a JACoW workshop**



General
Information

The ICFA workshop will be set up and arranged with mostly the same local organizers as for LINAC04.

Workshop
Information

Workshop
Specials

The co-operation with JACoW was fantastic for LINAC04.

Organization

“Thank you” to the whole JACoW team for the support.

What we
need from
JACoW and
what we can
offer

Closing
remarks



General
Information

Workshop
Information

Workshop
Specials

Organization

What we
need from
JACoW and
what we can
offer

Closing
remarks

**37th ICFA Advanced Beam Dynamics Workshop
on**

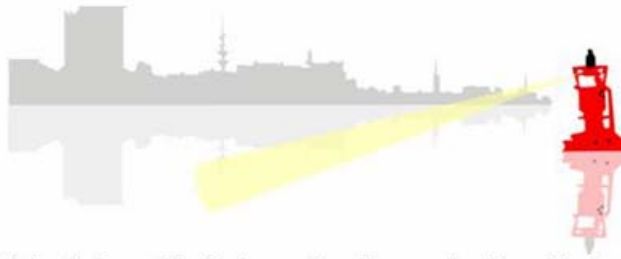


Future Light Sources



DESY, Hamburg, Germany
May 15 – 19, 2006

**A review of modern accelerator based
light sources from the infrared to X-rays**



Workshop Chair:
J. Rossbach
K.J. Kim

Scientific Program Committee:
W. Decking
T. Limberg
NN
NN
NN
NN

Local Organizing Committee:
C. Kluth
T. Limberg
M. Marx
S. Mette
I. Nikodem
Ch. Oevermann
B. Poljanecwicz

www.fls2006.desy.de



**We are looking forward
to a good teamwork
again ☺**

