

## ■ 掲示板

### 国内外の関連会議情報

開催期日	行 事 名	開催場所	連絡先/URL	掲載巻・号
2004 年 7/5-9	EPAC04 (European Particle Accelerator Conference)	Lucerne, Switzerland	<a href="http://www.epac04.ch/">http://www.epac04.ch/</a>	
7/16-24	NuFact04 SUMMER INSTITUTE	Tokyo Metropolitan University, Tokyo, Japan	<a href="http://musashi.phys.metro-u.ac.jp/nufact04si.html">http://musashi.phys.metro-u.ac.jp/nufact04si.html</a>	1・1
7/19-23	XV International Synchrotron Radiation Conference SR-2004	Novosibirsk, Russia	<a href="http://tech-db.istc.ru/istc/db/sem.nsf/wsS-040">http://tech-db.istc.ru/istc/db/sem.nsf/wsS-040</a>	
7/26-8/1	3rd International School on Neutrino Factories and Superbeams	Osaka University, Osaka, Japan		1・1
8/4-6	第 1 回日本加速器学会年会 第 29 回リニアック技術研究会	日本大学理工学部船橋校舎	<a href="http://www.kasokuki.com">http://www.kasokuki.com</a>	1・1
8/10-11	シンポジウム「原子力分野における加速器の研究開発Ⅱ —新たな展開を目指して—」	京都大学原子炉実験所(事務棟)会議室	世話人代表： 的場 優 (九産大) <a href="mailto:matoba@ip.kyusan-u.ac.jp">matoba@ip.kyusan-u.ac.jp</a>	1・1
8/16-19	OHO04	高エネルギー加速器研究機構	<a href="http://acc-physics.kek.jp/OHO/OHO04/index.html">http://acc-physics.kek.jp/OHO/OHO04/index.html</a>	
8/16-20	LINAC2004, XXII International Linear Accelerator Conference	Lubeck, Germany	<a href="http://www.linac2004.de/">http://www.linac2004.de/</a>	
8/29-9/3	26th International Free Electron Laser Conference & 11th FEL User Workshop (FEL 2004)	Trieste, Italy	<a href="http://www.elettra.trieste.it/fel2004/">http://www.elettra.trieste.it/fel2004/</a>	
9/27-10/1	29th International Conference on Infrared and Millimeter Waves	University of Karlsruhe, Germany	<a href="http://irmmw2004.ihe.uni-kerlsruhe.de/">http://irmmw2004.ihe.uni-kerlsruhe.de/</a>	
10/4-9	XIX Russian Conference on Charged Particle Accelerators Rupac 2004	HINR, Dubna, Moscow, Russia		
10/10-14	32nd ICFA Advanced Beam Dynamics Workshop: Energy Recovering Linacs "ERL2004"	Jafferson Laboratory, Virginia, USA		
10/13-15	2004 年度ビーム物理研究会	京都大学熊取原子炉実験所	<a href="http://www.scl.kyoto-u.ac.jp/~shirai/index.html">http://www.scl.kyoto-u.ac.jp/~shirai/index.html</a>	
10/18-22	The 17th International Conference on Cyclotrons and Their Applications (CYCLOTRONS 2004)	The National Olympics Memorial Youth Center, Yoyogi, Tokyo, Japan	<a href="mailto:cyc2004@rarfaxp.riken.go.jp">cyc2004@rarfaxp.riken.go.jp</a> <a href="http://riibfweb1.riken.go.jp/cyc2004/index.html">http://riibfweb1.riken.go.jp/cyc2004/index.html</a>	1・1
10/18-22	33rd ICFA Advanced Beam Dynamics Workshop: High Intensity High Brightness Hadron Beams "HB2004" Bensheim	Darmstadt, Germany		
10/27-29	第 45 回真空に関する連合講演会	大阪大学 コンベンションセンター	<a href="http://wwwsoc.nii.ac.jp/vsj/">http://wwwsoc.nii.ac.jp/vsj/</a>	
11/2-4	3rd International EUVL Symp.	宮崎シーガイア		
11/17-19	3rd International Workshop on Radiation Safety of Synchrotron Radiation Sources	SPring-8, Japan	<a href="mailto:asano@spring8.or.jp">asano@spring8.or.jp</a> <a href="http://www.spring8.or.jp">http://www.spring8.or.jp</a>	1・1
12/6-10	3rd International Workshop on Beam Orbit Stabilization 2004-IWBS2004	Hotel Kirchbuehl, Grindelwald, Switzerland		
2005 年 1/10-21	USPAS (US Particle Accelerator School)	University of California, Berkeley held, San Francisco, California, USA	<a href="http://uspas.fnal.gov/">http://uspas.fnal.gov/</a>	

## ■Announcement of the NuFact04 SUMMER INSTITUTE 3rd International School on Neutrino Factories and Superbeams

July 16 to July 24, 2004

Tokyo Metropolitan University, Tokyo, Japan

A Summer School is being organized to introduce researchers and students to both the particle and accelerator physics aspects of Neutrino Factories and Superbeams. This will take place at Tokyo Metropolitan University from Friday, July 16th to Saturday, July 24th.

This School, the third of its kind, is organized in conjunction with the 6th International Workshop on Neutrino Factories and Superbeams, NuFact04, which will take place at Osaka University the following week, July 26 to August 1.

The School will be an excellent introduction to the NuFact04 Workshop and we expect that a large fraction of the attendees, both students and lecturers, will profit from the opportunity to attend to Workshop.

The following topics will be covered:

- \*History of Neutrino Physics and the Future
- \*Physics of Massive Neutrinos
- \*Phenomenology of Long Baseline Experiments
- \*Low Energy Neutrino Detectors
- \*High Energy Neutrino Detectors
- \*Neutrino Cross Sections From Low to High Energies
- \*Conventional Neutrino Beamlines
- \*The Basic Accelerator Physics of a Neutrino Factory
- \*Fixed Field Alternating Gradient Acceleration
- \*Superconducting FFAG Magnets
- \*Beta Beams

We are assembling a mix of short lectures and tutorials. The following speakers have confirmed their participation:

- Masatoshi Koshihara (Tokyo U.)
- Boris Kayser (FNAL)
- Robert Palmer (BNL)
- Shinji Machida (KEK)
- Toru Ogitsu (KEK)
- Deborah Harris (FNAL)
- Takaaki Kajita (Tokyo U.)
- Kevin McFarland (U. of Rochester)
- Hisakazu Minakata (Tokyo Metropolitan U.)

The preparation of an enthusiastic, multi-national group of young scientists, capable of embracing the multiple skills required, will be essential in ensuring the success of the long term effort toward Neutrino Factories and Superbeams. The initiative for Neutrino Factories and Superbeams can only be successful with a collaborative effort from the neutrino community. We would be delighted to receive your suggestions on how to optimize the nature, format and content of the School at all stages of its organization.

The main area where you can help tremendously, of course, is by making young colleagues in your group aware of the NuFact04 School and by helping them to participate in it. Participation in the NuFact04 Workshop the following week as well would be ideal. We hope to see you there also.

## ■シンポジウム「原子力分野における加速器の研究開発 II —新たな展開を目指して—」

共 催：京都大学原子炉実験所，日本原子力学会加速器・ビーム部  
会，日本学術会議関係委員会

協 賛：日本加速器学会，日本原子力学会（依頼予定）

会 期：平成 16 年 8 月 10 日(火)13：00-11 日(水)17：00

会 場：京都大学原子炉実験所（事務棟）会議室

内 容：

1. シンポジウムの趣旨 柴田徳思（日本学術会議）
2. 加速器研究開発分野における最近の動き  
(1) 講演 日本加速器学会 木原元央  
(2) 講演 日本学術会議 田川精一
3. 共同利用研究機関における研究開発の現状，9 報告  
(1) 全国共同利用機関  
(2) 地域の研究機関
4. 大学付置共同利用研と各大学における研究開発の現状，15 報告
5. パネル討論「新たな展開を目指して」

連絡先：

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## ■第17回サイクロトロンとその応用に関する国際会議 The 17th International Conference on Cyclotrons and Their Applications (CYCLOTRONS 2004)

会 期：2004年10月18日(月)-22日(金)

会 場：国立オリンピック記念青少年総合センター  
(東京都渋谷区)

主 催：第17回サイクロトロンとその応用に関する国際会議  
国際組織委員会（委員長 矢野安重）

Topics include :

- Facilities under construction
- Operational cyclotrons
- Projects and proposals
- FFAG accelerators
- Ion sources
- High intensity beams
- Beam dynamics
- Systems and technology (magnet, rf, etc.)
- Beam technology
- Applications of cyclotrons

Key dates

- Deadline for early registration; August 31, 2004
- Deadline for paper submission; October 12, 2004

Conference secretary

- Rie Kuwana  
CYCLOTRONS 2004  
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### ■3<sup>rd</sup> International Workshop on Radiation Safety of Synchrotron Radiation Sources

We are pleased to invite you to participate in the 3<sup>rd</sup> international workshop on radiation safety of synchrotron radiation sources, which will be held from November 17 to 19, 2004 at SPring-8, Japan. The workshop is a quite unique opportunity to discuss with many experts from over the world various matters related to radiation safety and physics of synchrotron radiation facilities. The 1<sup>st</sup> workshop was held at Advanced Photon Source in 2001 and the 2<sup>nd</sup> was at European Synchrotron Radiation Facility in 2002. At that time, we agreed that the workshop must be continued and the 3<sup>rd</sup> would be organized at SPring-8 in the autumn of this year. The time is com-

ing. We are delighted to circulate you the 1<sup>st</sup> announcement and we would like you to consider the possibility of participating in the workshop. The detail will be announced on SPring-8 home page. The outline is as follows

会 期 : 17-19 November 2004 (tentative)

会 場 : SPring-8, Japan (<http://www.spring8.or.jp>)

(This schedule will be changed within 1 or 2 weeks if the machine operation schedule moved. The final schedule will be fixed at the end of this spring.)

内 容 :

- (1) New facilities
- (2) Upgrade facilities including top up operation
- (3) 4<sup>th</sup> generation facilities
- (4) Methods of analysis and design
- (5) Radiation physics and radiation safety
- (6) Radiation dosimetry and measurements

#### Organizing committee

P. K. Job (APS)

P. Berkvens (ESRF)

Y. Asano (SPring-8)

#### Contact person

Y. Asano

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We are looking forward to meeting you at 3<sup>rd</sup> Radsynch workshop.