

1st International Symposium on Superconductivity (ISS '88)

Sunday, August 28 - Wednesday, August 31, 1988  
Nagoya Trade & Industry Center, Nagoya, Japan

Chairperson of the Program Committee  
K. Kitazawa, University of Tokyo

Invited Speakers

Special Plenary Lecture  
R. Schrieffer, University of California, Santa Barbara

Plenary Lectures

M. R. Beasley, Stanford University  
T. Nakahara, Sumitomo Electric Industries, Ltd.  
T. Mitsui, The Tokyo Electric Power Co., Inc.  
H. Tanaka, Railway Technical Research Institute  
Y. Takeda, Hitachi, Ltd.

Physics & Chemistry

R. Schrieffer, University of California, Santa Barbara  
S. Maekawa, Nagoya University  
G. Deutscher, Tel Aviv University  
A. Malozemoff, IBM  
J.S. Tsai, NEC Corporation  
G. Saito, University of Tokyo  
C. N. R. Rao, Indian Institute of Science  
B. Raveau, ISMRA/Universite de Caen  
R. J. Cava, AT&T Bell Laboratories  
H. Maeda, National Research Institute for Metals  
A. M. Hermann, University of Arkansas  
M. A. Subramanian, DuPont  
P. T. Wu, Industry Technology Research Institute, Taiwan

Bulk Materials and Wires

D. K. Finnemore, Ames Laboratory, Iowa  
Y. Tanaka, The Furukawa Electric Co., Ltd.  
O. Kohno, Fujikura Ltd.  
J. E. Evetts, Cambridge University  
H. Maeda, Toshiba Corporation  
M. Murakami, Nippon Steel Corporation

Application (System)

J. M. Pfothner, University of Wisconsin  
K. Ueda, Super-GM  
S. Shimamoto, Japan Atomic Energy Research Institute  
M. Yamaji, Toshiba Corporation  
S. Takezawa, Japan Foundation for Shipbuilding Advancement  
T. Yamada, Mitsubishi Electric Corporation

Thin Film

B. G. Bagley, Bellcore  
K. Wasa, Matsushita Electric Industrial Co., Ltd.  
S. Yazu, Sumitomo Electric Industries Ltd.  
M. Nakao, Sanyo Electric Co., Ltd.

Digital and Analog Devices

H. Hayakawa, Nagoya University  
S. Hasuo, Fujitsu Laboratories Ltd.  
W. J. Gallagher, IBM  
U. Kawabe, Hitachi, Ltd.  
S. Takada, Electrotechnical Laboratory  
H. Iwasaki, NTT

## 2nd International Symposium on Superconductivity (ISS '89)

Tuesday, November 14 - Friday, November 17, 1989

NOVA HALL, Tsukuba, Japan

Auditorium of Tsukuba Research Center, Agency of Industrial Science and Technology, Tsukuba, Japan

### Chairperson of the Program Committee

T. Ishiguro, Kyoto University

### Invited Speakers

#### Special Plenary Lecture

K. A. Mueller, IBM Zurich

#### Plenary Lectures

A. W. Sleight, Oregon State University

E. Abrahams, Rutgers University

H. R. Ott, ETH, Zurich

Y. Yeshurun, Bar-Ilan University

K. Ogawa, National Research Institute for Metals

R. W. Ralston, Massachusetts Institute of Technology

S. Fujiwara, Railway Technical Research Institute

#### Physics & Chemistry

A. J. Arko, Los Alamos National Laboratory

N. P. Ong, Princeton University

C. Michel, ISMRa, Caen

Y. Hidaka, NTT

Y. Tokura, University of Tokyo

K. Kitazawa, University of Tokyo

Y. Iye, The University of Tokyo

D. J. Bishop, ATT-Bell Laboratories

R. P. Griessen, Vrije Universiteit

T. matsushita, Kyushu University

#### Wire & Tape, Bulk

R. S. Feigelson, Stanford University

S. Jin, AT&T Bell Laboratories

k. Mizushima, Toshiba Corporation

K. Sato, Sumitomo Electric Industries, Ltd.

N. Uno, The Furukawa Electric Co., Ltd.

#### Application (System)

Y. Aiyama, Electrotechnical Laboratory

E. W. Collings, Battelle, Columbus

H. Fujita, Chubu Electric Power Co., Ltd.

#### Thin Films

T. Terashima, Kyoto University

H. Itozaki, Sumitomo Electric Industries, Ltd.

T. Kobayashi, Osaka University

H. Abe, Oki Electric Industry Co., Ltd.

H. Yamane, Tohoku University

T. Kawai, Osaka University

#### Application (Device)

A. Barone, CNR, Naples

V. Z. Kresin, Lawrence Berkeley Laboratory

H. Akoh, Electrotechnical Laboratory

H. Higashino, Matsushita Electric Industrial Co., Ltd.

### 3rd International Symposium on Superconductivity (ISS '90)

Tuesday, November 6 - Friday, November 9, 1990  
Hotel Metropolitan Sendai, Sendai, Japan

Chairperson of the Program Committee  
K. Kajimura, Electrotechnical Laboratory

#### Invited Speakers

##### Special Plenary Lectures

J. Clarke, University of California, Berkeley  
M. Murakami, Superconductivity Research Laboratory /ISTEC

##### Plenary Lectures

M. V. Klein, University of Illinois at Urbana-Champaign  
J.-M. Triscone, Universite de Geneve  
S. Takada, Electrotechnical Laboratory  
R. B. Schainker, Electric Power Research Institute

##### Physics & Chemistry

M. Tachiki, Tohoku University  
W. Y. Liang, University of Cambridge  
E. Kaldis, ETH Zurich  
J. Akimitsu, Aoyama-Gakuin University  
C. M. Varma, AT&T Bell Laboratories  
C. Vettier, Institut Laue-Langevin, Grenoble  
J. L. Smith, Los Alamos National Laboratory  
S. Tajima, Superconductivity Research Laboratory /ISTEC  
J. D. Jorgensen, Argonne National Laboratory

##### Flux Pinning

R. B. van Dover, AT&T Bell Laboratories  
K. Watanabe, Tohoku University  
R. O. Gross, Universitaet Tuebingen

##### Wire, Tape & Bulk

H. Mukai, Sumitomo Electric Industries, Ltd.  
H. Krauth, Vacuumschmelze GmbH  
K. Togano, National Research Institute for Metals  
T. Kamo, Hitachi, Ltd.  
N. Enomoto, The Furukawa Electric Co., Ltd.  
H. Kuepfer, KFZ Karlsruhe und Universitaet Karlsruhe  
K. Sawano, Nippon Steel Corporation

##### Application (System)

T. Ageta, Super-GM  
J. Fujie, Railway Technical Research Institute  
S. Takezawa, Japan Foundation for Shipbuilding Advancement

##### Thin Films

P. Norris, EMCORE Corporation  
T. Terashima, Kyoto University  
D. D. Berkley, University of Minnesota  
D. G. Schlom, Stanford University  
K. Kanehori, Hitachi, Ltd.

##### Application (Device)

D. S. Ginley, Sandia National Laboratory  
I. Iguchi, University of Tsukuba  
D. E. Oates, Massachusetts Institute of Technology  
R. B. Hammond, Superconductor Technologies Inc.  
A. Inam, Bellcore

## 4th International Symposium on Superconductivity (ISS '91)

Monday, October 14 - Thursday, October 17, 1991  
The University of Tokyo, Tokyo, Japan

Chairperson of the Program Committee  
H. Hayakawa, Nagoya University

### Invited Speakers

#### Special Plenary Lectures

A. M. Campbell, University of Cambridge  
V. O. Heinen, National Aeronautics and Space Administration

#### Plenary Lectures

D. Larbalestier, University of Wisconsin, Madison  
K. Salama, University of Houston  
D. H. Lowndes, Oak Ridge National Laboratory  
E. Masada, The University of Tokyo

#### Physics

S. Maekawa, Nagoya University  
Z.-X. Shen, Stanford University  
G. Aeppli, AT&T Bell Laboratories  
E. T. Heyen, Max-Planck-Institut Stuttgart

#### Chemistry

A. P. Ramirez, AT&T Bell Laboratories  
K. Fueki, Science University of Tokyo  
R. Beyers, IBM  
J. Tanaka, Nagoya University

#### Flux Pinning

Y. Endoh, Tohoku University  
B. I. Ilev, Landau Institute of Theoretical Physics, Moscow and University of Southern California  
W. K. Kwok, Argonne National Laboratory  
K. Kadowaki, National Research Institute for Metals

#### Wires, Tapes & Bulk

H. Kumakura, National Research Institute for Metals  
H.-W. Neumueller, Siemens AG  
K. Sato, Sumitomo Electric Industries, Ltd.  
K. Aihara, Hitachi, Ltd.  
L. D. Woolf, General Atomics, San Diego  
M. Morita, Nippon Steel Corp.  
M. J. Cima, Massachusetts Institute of Technology

#### System Application

T. Onishi, Electrotechnical Laboratory  
H. Matsuba, Furukawa Electric Co., Ltd.  
J. L. Sabrie, GEC Alsthom  
F. C. Moon, Cornell University

#### Thin Films

E. S. Hellman, AT&T Bell Laboratories  
T. Sugimoto, Superconductivity Research Laboratory /ISTEC  
M. E. Hawley, Los Alamos National Laboratory  
A. Widmon, Northeastern University  
K. Endo, Electrotechnical Laboratory

#### Device Application

K. Char, Conductus, Inc.  
J. B. Barner, Bellcore  
Y. Tarutani, Hitachi, Ltd.  
H. Piel, University of Wuppertal  
T. Konaka, NTT

## 5th International Symposium on Superconductivity (ISS '92)

Monday, November 16 - Thursday, November 19, 1992  
International Conference Center Kobe, Kobe, Japan

### Chairpersons of the Program Committee

Y. Bando, Kyoto University  
W. Y. Liang, University of Cambridge

### Invited Speakers

#### Special Plenary Lectures

R. J. Cava, AT&T Bell Laboratories  
M. F. Wood, Oxford Instruments plc

#### Plenary Lectures

J. B. Torrance, IBM  
R. Flukiger, Universite de Geneve  
T. Venkatesan, University of Maryland  
A. M. Wolsky, Argonne National Laboratory

#### Physics

S. Uchida, The University of Tokyo  
J. R. Cooper, University of Cambridge  
T. Egami, University of Pennsylvania  
R. H. Howell, Lawrence Livermore National Laboratory

#### Chemistry

M. Takano, Kyoto University  
J. Akimitsu, Aoyama-Gakuin University  
W. Y. Liang, University of Cambridge  
T. Kaneko, Superconductivity Research Laboratory /ISTEC  
J. L. Tallon, New Zealand Institute for Industrial Research

#### Flux Pinning

B. I. Ilev, Free University, Amsterdam  
V. M. Vinokur, Argonne National Laboratory  
L. Krusin-Elbaum, IBM  
T. Tamegai, The University of Tokyo

#### Wires, Tapes & Bulk

M. Suenaga, Brookhaven National Laboratory  
J. E. Tkaczyk, General Electric Corporate  
H. Mukai, Sumitomo Electric Industries, Ltd.  
E. W. Collings, Battelle Memorial Institute, Columbus

#### System Application

P. Komarek, KFZ Karlsruhe  
Y. Iwasa, Massachusetts Institute of Technology  
H. Nakashima, Railway Technical Research Institute  
Y. Ikeno, Super-GM

#### Thin Films

A. Lauder, DuPont  
T. Terashima, Kyoto University  
C. P. Burmester, University of California, Berkeley  
J. Geerk, KFZ Karlsruhe  
W. Ito, Superconductivity Research Laboratory /ISTEC

#### Device Application

B. A. Aminov, Moscow State University  
E. Polturak, Technion, Israel  
M. Y. Kupriyanov, Moscow State University  
O. Michikami, NTT

## 6th International Symposium on Superconductivity (ISS '93)

Tuesday, October 26 - Friday, October 29, 1993

International Conference Center Hiroshima, Hiroshima, Japan

### Chairpersons of the Program Committee

T. Fujita, Hiroshima University

D. C. Larbalestier, University of Wisconsin at Madison

### Invited Speakers

#### Special Plenary Lectures

G. J. Yurek, American Superconductor Corporation

Y. Shiohara, Superconductivity Research Laboratory /ISTEC

#### Plenary Lectures

R. C. Dynes, University of California, San Diego

A. Tonomura, Hitachi, Ltd.

H. J. Scheel, Swiss Federal Institute of Technology, Lausanne

D. M. Rote, Argonne National Laboratory

#### Late News

A. Schilling, ETH Zurich

#### Physics

J. C. Campuzano, Argonne National Laboratory and University of Illinois at Chicago

D. B. Tanner, University of Florida

M. Sato, Nagoya University

#### Chemistry

J. B. Goodenough, The University of Texas at Austin

M. Marezio, CNRS-UJF Grenoble and AT&T Bell Laboratories

R. S. Roth, National Institute of Standards and Technology

J-C. Grenier, CNRS, Universite de Bordeaux I

H. Yamauchi, Superconductivity Research Laboratory /ISTEC

Z. Hiroi, Kyoto University

#### Flux Pinning

D. E. Farrell, Case Western Reserve University

A. Fischer, University of Geneva

Y. Ando, Superconductivity Research Laboratory /ISTEC

G. Blatter, ETH-Hoenggerberg, Zurich

#### Wires, Tapes & Bulk

P. Haldar, Intermagnetics General Corporation

Y. Yamada, Toshiba Corporation

E. E. Hellstrom, University of Wisconsin-Madison

Y. Iijima, Fujikura Ltd.

M. Murakami, Superconductivity Research Laboratory /ISTEC

#### System Applications

H. Higasa, Shikoku Research Institute

H. J. Bomemann, KFZ Karlsruhe

T. Suzuki, Tokyo Electric Power Company

D. W. Von Dollen, Electric Power Research Institute

#### Thin Films

J.-P. Locquet, IBM Zurich

J.-P. Krumme, Philips Hamburg

K. Saito, National Research Institute for Metals

D. W. Face, DuPont

#### Device Applications

H. J. Chaloupka, University of Wuppertal

H. Itozaki, Superconducting Sensor Laboratory

Y. Okabe, The University of Tokyo

K. Suzuki, Superconductivity Research Laboratory /ISTEC

## 7th International Symposium on Superconductivity (ISS '94)

Tuesday, November 8 - Friday, November 11, 1994

Kitakyushu International Conference Center, Kitakyushu, Japan

### Chairpersons of the Program Committee

K. Yamafuji, Kyushu University

H. Piel, Wuppertal University

### Invited Speakers

#### Special Plenary Lectures

J. G. Bednorz, IBM Zurich

S. Tanaka, Superconductivity Research Laboratory /ISTEC

#### Plenary Lectures

H. Takagi, University of Tokyo

M. Murakami, Superconductivity Research Laboratory /ISTEC

G. Mueller, Universitaet Wuppertal

F. Irie, Kyushu Electric Power Co., Inc.

#### Physics

W. N. Hardy, University of British Columbia

D. J. van Harlingen, University of Illinois at Urbana-Champaign

S.-Y. Lin, IBM

J. W. Loram, University of Cambridge

#### Chemistry

C.-Q. Jin, Superconductivity Research Laboratory /ISTEC

H. Ihara, Electrotechnical Laboratory

D. J. Buttrey, University of Delaware

C. W. Chu, University of Houston

#### Flux Pinning

E. M. Forgan, University of Birmingham

I. V. Grigorieva, University of Bristol

D. K. Finnemore, Iowa State University

N.-C. Yeh, California Institute of Technology

#### Wires, Tapes & Bulk

S. P. Ashworth, Cambridge University

H. Kumakura, National Research Institute for Metals

D. E. Peterson, Los Alamos National Laboratory

T. Manabe, National Institute of Materials and Chemical Research

Y. Namikawa, Superconductivity Research Laboratory /ISTEC

M. Hasegawa, University of Tokyo

#### System Applications

M. Suenaga, Brookhaven National Laboratory

S. F. Kral, Babcock & Wilcox

J. M. Pfothhauer, University of Wisconsin-Madison

#### Thin Films

H. Raffy, Universite Paris-Sud

T. Roberts, Argonne National Laboratory

T. Hatano, National Research Institute for Metals

C. S. Chern, EMCORE Corporation

#### Device Applications

H. Suzuki, SANYO Electric Co., Ltd.

M. Siegel, Forschungszentrum Juelich

F. Ludwig, University of California, Berkeley

H. Kado, Electrotechnical Laboratory

8th International Symposium on Superconductivity (ISS '95)

Monday, October 30 - Thursday, November 2, 1995  
ACT CITY Hamamatsu, Hamamatsu, Japan

Chairpersons of the Program Committee

H. Hayakawa, Nagoya University  
D. K. Finnemore, Iowa State University

Invited Speakers

Special Plenary Lectures

J. M. Rowell, Conductus Inc.  
P. Komarek, Research Centre Karlsruhe

Plenary Lectures

Y. Maeno, Hiroshima University  
D. R. Nelson, Harvard University  
G. B. Donaldson, University of Strathclyde  
T. Nishinaga, University of Tokyo

Physics

V. J. Emery, Brookhaven National Laboratory  
A. P. Mackenzie, University of Cambridge  
S. L. Cooper, University of Illinois at Urbana Champaign  
M. Tachiki, Tohoku University  
C. C. Tsuei, IBM

Chemistry

K. Kishio, University of Tokyo  
R.L. Snyder, Alfred University  
S. Yamanaka, Hiroshima University  
R. W. McCallum, Iowa State University

Flux Pinning

Y. Matsuda, Hokkaido University  
E. Zeldov, The Weizmann Institute of Science  
G. W. Crabtree, Argonne National Laboratory  
L. Civale, CNEA Argentina

Wires, Tapes & Bulk

R. Flukiger, Universite de Geneve  
K. Osamura, Kyoto University  
U. Barachandran, Argonne National Laboratory  
X. D. Wu, Los Alamos National Laboratory  
I. Hirabayashi, Superconductivity Research Laboratory /ISTEC

System Applications

H. Tsuruga, Central Japan Railway Company  
M. T. Aslam, Municipal Light and Power, Alaska  
A. P. Malozemoff, American Superconductor Corporation  
S. Zannella, CISE SpA, Milano

Thin Films

M. Kawasaki, Tokyo Institute of Technology  
S. Miyazawa, NTT  
R. H. Hammond, Stanford University  
H. Adachi, Matsushita Electric Industrial Co., Ltd.

Device Applications

H. Rogalla, University of Twente  
A. Fujimaki, Nagoya University  
K. Enpuku, Kyushu University  
R. H. Hoch, IBM  
A. H. Silver, TRW

9th International Symposium on Superconductivity (ISS '96)

Monday, October 21 - Thursday, October 24, 1996  
Royton Sapporo Hotel, Sapporo, Japan

Chairpersons of the Program Committee

S. Nakajima, Tokai University  
A. M. Campbell, University of Cambridge

Invited Speakers

Special Plenary Lectures

M. R. Beasley, Stanford University  
W. Y. Liang, University of Cambridge  
S. Tanaka, Superconductivity Research Laboratory /ISTEC

Plenary Lectures

C. P. Slichter, University of Illinois  
M. Takano, Kyoto University  
R. A. Doyle, University of Cambridge  
H. Koch, Physikalisch-Technische Bundesanstalt, Berlin  
P. M. Grant, Electric Power Research Institute

Physics

A. Fischer, Universite de Geneve  
M. Oda, Hokkaido University  
T. Yokoya, Tohoku University  
S. Uchida, University of Tokyo  
G. S. Boebinger, Lucent Technologies  
A. Matsuda, NTT

Chemistry

C. Chaillout, CNRS Grenoble  
M. Karppinen, Helsinki University of Technology  
A. Tokiwa-Yamamoto, Superconductivity Research Laboratory /ISTEC  
E. V. Antipov, Moscow State University

Flux Pinning

A. E. Koshelev, Argonne National Laboratory  
M. Machida, Japan Atomic Energy Research Institute  
D. E. Farrell, Case Western Reserve University  
A. Polyanskii, University of Wisconsin

Wires, Tapes & Bulk

K. Hayashi, Sumitomo Electric Industries, Ltd.  
R. Sokolowski, IGC Advanced Superconductors  
R. L. Meng, University of Houston  
I.-G. Chen, National Cheng-Kung University  
M. Murakami, Superconductivity Research Laboratory /ISTEC

System Applications

Y. Iwasa, Massachusetts Institute of Technology and Keio University  
K. Inoue, National Research Institute for Metals  
R. M. Goodall, Loughborough University  
Y. Iwata, Tokyo Electric Power Company

Thin Films

H. Sato, NTT  
H. Kinder, Technical University of Munich  
T. Morishita, Superconductivity Research Laboratory /ISTEC  
I. Bozovic, Varian

Device Applications

J. Mannhart, IBM Zurich  
H. Akoh, Electrotechnical Laboratory  
B. D. Hunt, Northrop Grumman  
H. Higashino, Matsushita Electric Industrial Co., Ltd.  
G.-C. Liang, Conductus, Inc.

10th International Symposium on Superconductivity (ISS '97)

Monday, October 27 - Thursday, October 30, 1997  
Nagaragawa Convention Center, Gifu, Japan

Chairpersons of the Program Committee

K. Osamura, Kyoto University  
J. Clarke, University of California

Invited Speakers

Special Plenary Lectures

H. W. Kroto, University of Sussex  
C. W. Chu, University of Houston  
E. Masada, The University of Tokyo

Plenary Lectures

N. P. Ong, Princeton University  
J. R. Clem, Iowa State University  
O. Doessel, University of Karlsruhe  
H.-W. Neumueller, Siemens AG

Physics

J. M. Tranquada, Brookhaven National Laboratory  
K. Yamada, Tohoku University  
N. Nagaosa, University of Tokyo  
T. Timusk, McMaster University Hamilton

Chemistry

A. Erb, University of Geneva  
J. Shimoyama, University of Tokyo  
M. Kakihana, Tokyo Institute of Technology

Flux Pinning

M. Konczykowski, Ecole Polytechnique  
N. Kobayashi, Tohoku University  
S. Bending, University of Bath  
V. V. Moshchalkov, Katholieke Universiteit Leuven

Wires, Tapes & Bulk

D. P. Hampshire, Durham University  
K. Togano, National Research Institute for Metals  
T. Kato, Sumitomo Electric Industries, Ltd.  
H. J. Schneider-Muntau, Florida State University  
G. Fuchs, IFW Dresden

System Applications

W. Paul, ABB Corporate Research  
T. Ageta, Super-GM  
C. Rey, DuPont  
K. Sawada, Railway Technical Research Institute  
C. P. Britcher, Old Dominion University

Thin Films

B. Batlogg, Lucent Technologies  
I. Takeuchi, University of Maryland  
H. Yamamoto, NTT  
J. G. Wen, Superconductivity Research Laboratory /ISTEC

Device Applications

J. Murduck, TRW  
M. Hidaka, NEC Corporation  
M. Hangyo, Osaka University  
Y. Ueno, Advanced Mobile Telecommunication Technology Inc.

Standardization

L. F. Goodrich, National Institute of Standards and Technology  
C. Y. Hua, Beijing General Research Institute for Non-Ferrous Metals  
H. Wada, National Research Institute for Metals  
J. R. Hull, Argonne National Laboratory  
R. H. Ono, National Institute of Standards and Technology

## 11th International Symposium on Superconductivity (ISS '98)

Monday, November 16 - Thursday, November 19, 1998  
Fukuoka Sunpalace Hotel, Fukuoka, Japan

### Chairpersons of the Program Committee

N. Koshizuka, Superconductivity Research Laboratory /ISTEC  
R. Flukiger, University of Geneva

### Invited Speakers

#### Special Plenary Lectures

F. Yonezawa, Keio University  
A. I. Braginski, Forschungszentrum Juelich  
M. Kotani, Tokyo Denki University

#### Plenary Lectures

P. M. Grant, EPRI  
M. Marezio, MASPEC-CNR  
H. W. Weber, Austrian University  
R. H. Hammond, Stanford University  
T. van Duzer, University of California, Berkeley

#### Physics

C. Panagopoulos, University of Cambridge  
J. W. Orenstein, University of California, Berkeley  
A. Maeda, The University of Tokyo  
J. A. Kirtley, IBM  
Ch. Renner, University of Geneva  
A. Matsuda, NTT

#### Chemistry

S. Yamanaka, Hiroshima University  
P. Bordet, CNRS  
R. S. Liu, National Taiwan University

#### Critical Current

J. Suzuki, Japan Atomic Energy Research Institute  
P. Ziemann, University of Ulm  
D. Lopez, Argonne National Laboratory  
X. Hu, National Research Institute for Metals

#### Wires, Tapes & Bulk

D. C. Larbalestier, University of Wisconsin-Madison  
H. Kitaguchi, National Research Institute for Metals  
K. Ohmatsu, Sumitomo Electric Industries, Ltd.  
X. Obradors, University of Barcelona  
K. Nagashima, Railway Technical Research Institute / ISTEC-SRL

#### System Applications

O. Horigami, Superconductivity Research Laboratory /ISTEC  
C. Heiden, University of Giessen  
H. Hayashi, Kyushu Electric Power Co., Inc.  
T. Satow, National Institute for Fusion Science

#### Films & Junctions

S. M. Anlage, University of Maryland  
N. Terada, Electrotechnical Laboratory  
B. Moeckly, Conductus  
M. Kawasaki, Tokyo Institute of Technology

#### Device Applications

D. U. Gubser, Naval Research Laboratory  
P. Seidel, Friedrich-Schiller-Universitaet Jena  
A. Tsukamoto, Hitachi, Ltd.  
J. Chen, Tohoku University / Japan Science and Technology Corporation

#### Standardization

H. Piel, University of Wuppertal  
H.-S. Shin, Andong National University  
K. Noto, Iwate University

12th International Symposium on Superconductivity (ISS '99)

Sunday, October 17 - Tuesday, October 19, 1999  
Hotel Metropolitan Morioka, Morioka, Japan

Chairpersons of the Program Committee

T. Yamashita, Tohoku University  
D. Gubser, Naval Research Laboratory

Invited Speakers

Special Plenary Lecture

Shoji Tanaka, Superconductivity Research Laboratory /ISTEC

Plenary Lectures

James D. Jorgensen, Argonne National Laboratory  
David Dew-Hughes, Oxford University  
Alan Lauder, DuPont

Physics and Chemistry

Mini-symposium "What is the two-dimensionality in high-temperature superconductors?"

Douglas A. Bonn, University of British Columbia  
Minoru Suzuki, Kyoto University  
Yoichi Ando, Central Research Institute of Electric Power Industry  
Dirk van der Marel, Groningen University  
Yuri I. Latyshev, Tohoku University  
Kosaku Yamada, Kyoto University  
Masao Ogata, University of Tokyo  
Tsuyoshi Kimura, Joint Research Center for Atom Technology  
Masaaki Matsuda, RIKEN  
Atsushi Fujimori, University of Tokyo  
Jeffery L. Tallon, IRL, New Zealand  
Peter P. Edwards, Birmingham University

Vortex physics

J.C. Seamus Davis, University of California, Berkeley  
Ken Harada, Hitachi Ltd.  
Asle Sudbo, Norwegian University of Science and Technology  
Tsuyoshi Tamegai, The University of Tokyo

Bulks

Roy Weinstein, University of Houston  
Georg J. Schmitz, ACCESS e.V., Aachen  
Uichiro Mizutani, Nagoya University

Wires and Tapes

Robert A. Hawsey, Oak Ridge National Laboratory  
Yuh Shiohara, Superconductivity Research Laboratory /ISTEC  
Masaki Suenaga, Brookhaven National Laboratory  
Osami Tsukamoto, Yokohama National University  
Alexis P. Malozemoff, American Superconductor Co.  
Naoki Ayai, Sumitomo Electric Industries, Ltd.  
Takayo Hasegawa, Showa Electric Wire & Cable Co., Ltd.  
Peter F. Hermann, ALCATEL

System Applications

John R. Hull, Argonne National Laboratory  
Hiroyuki Ohsaki, The University of Tokyo  
Marco Nassi, Pirelli Cavi & Sistemi  
Kazuo Funaki, Kyushu University

Films and Junctions / Electronic Devices

Michio Naito, NTT  
J. G. Wen, Superconductivity Research Laboratory /ISTEC  
Hans Koch, Physikalisch-Technische Bundesanstalt, Berlin  
Michael Mueck, Justus-Liebig-Universitaet Giessen  
Ienari Iguchi, Tokyo Institute of Technology  
Paola Barbara, University of Maryland  
Norbert Klein, Forschungszentrum Juelich GmbH  
John W. Spargo, TRW  
Donald L. Miller, Northrop Grumman  
Akira Fujimaki, Nagoya University

Standardization

Wolfgang Gawalek, Institut fuer Physikalische Hochtechnologie e.V., Jena  
E. W. Collings, The Ohio State University  
Kozo Osamura, Kyoto University

## 13th International Symposium on Superconductivity (ISS2000)

Saturday, October 14 - Monday, October 16, 2000

Toshi Center Hotel (Nihon Toshi Center Kaikan), Chiyoda-ku, Tokyo, Japan

### Chairpersons of the Program Committee

H.C. Freyhardt (Universitat Gottingen)

K. Kitazawa (University of Tokyo)

### Invited Speakers

#### Special Plenary Lectures

Shoji Tanaka (Superconductivity Research Laboratory /ISTEC)

Horst Rogalla (University of Twente)

#### Plenary Lectures

Peter H. Kes (Leiden University)

Jaw-Shen Tsai (NEC Corporation)

Hideo Itozaki (Sumitomo Electric Industries, Ltd.)

Kamel Salama (University of Houston)

Shirabe Akita (Central Research Institute of Electric Power Industry)

Satoshi Morozumi (Mitsubishi Research Institute, Inc.)

### Physics and Chemistry

#### Mini-symposium "Impurity and Inhomogeneity Effects in High-Tc Superconductor"

Shin-ichi Uchida (University of Tokyo)

Shuheng H. Pan (Boston University)

Alexander V. Balatsky (Los Alamos National Laboratory)

Marcel Franz (John Hopkins University)

Naoto Nagaosa (University of Tokyo)

Bernhard Keimer (Max Planck-Institut, Stuttgart)

Kazuma Hirota (Tohoku University)

Marc-Henri Julien (Universite J. Fourier)

Yutaka Itoh (Superconductivity Research Laboratory /ISTEC)

Subir Sachdev (Yale University)

Changyoung Kim (Stanford University)

Yoji Koike (Tohoku University)

### Solid State Chemistry

Eiji Takayama-Muromachi (National Institute for Research in Inorganic Materials)

### Vortex physics

Valerii Vinokur (Argonne National Laboratory)

Lev N. Bulaevskii (Los Alamos National Laboratory)

Yoshihiko Nonomura (National Research Institute for Metals)

Terukazu Nishizaki (Tohoku University)

### Bulks / System Applications

Shinya Nariki (Superconductivity Research Laboratory /ISTEC)

Chan-Joong Kim (Korea Atomic Energy Research Institute)

Gemot Krabbes (IFW Dresden)

Hiroshi Ikuta (Nagoya University)

Frank N. Werfel (Adelwitz Technologiezentrum GmbH)

Michael Strasik (Boeing)

Leo K. Kovalev (Moscow State Aviation Institute)

### Wires & Tapes / system Applications

Amit Goyal (Oak Ridge National Laboratory)

Tomonori Watanabe (The Furukawa Electric Co., Ltd.)

Hisashi Yoshino (Toshiba Corporation)

Kazuya Ohmatsu (Sumitomo Electric Industries, Ltd.)

Harriet Kung (Los Alamos National Laboratory)

Yasuhiro Iijima (Fujikura Ltd.)

Qi Li (American Superconductor Corporation)

Hans Hilgenkamp (University of Twente)

Teruo Izumi (Superconductivity Research Laboratory /ISTEC)

Eric E. Hellstrom (University of Wisconsin-Madison)

Takayo Hasegawa (Showa Electric Wire & Cable Co. Ltd.)

Jun-ichi Shimoyama (University of Tokyo)

Per Vase (Nordic Superconductor Technologies A/S)

Kozo Osamura (Kyoto University)

Naoyuki Amemiya (Yokohama National University)

Milan Polak (Slovak Academy of Sciences)

Shoichi Honjo (Tokyo Electric Power Company)

Tanzo Nitta (The University of Tokyo)

Takeshi Ohara (Electrotechnical Laboratory / National Research Institute for Metals)

Michitaka Ono (Toshiba Corporation)

Films and Junctions / Electronic Devices

Boris Chesca (University of Tuebingen)

Dean Face (DuPont Superconductivity)

Shigetoshi Ohshima (Yamagata University)

Kei Satoh (NTT DoCoMo)

F. C. Wellstood (University of Maryland)

Taek-Sang Hahn (Korea Institute of Science and Technology)

Michael Siegel (Forschungszentrum Juelich)

Mutsuo Hidaka (NEC Corporation)

Nobuyuki Yoshikawa (Yokohama National University)

14th International Symposium on Superconductivity (ISS2001)

Tuesday, September 25 - Thursday, September 27, 2001  
International Conference Center KOBE, Kobe, Japan

Chairpersons of the Program Committee

T. Kobayashi (Osaka University)  
K. Salama (University of Houston)

Invited Speakers

Special Plenary Lectures

Y. Kaya (RITE)  
P. Grant (EPRI)

Plenary Lectures

J. Akimitsu (Aoyama-Gakuin University)  
S. Berkowitz (Conductus)  
D. K. Finnemore (Iowa State University)  
N. Koshizuka (ISTEC)  
X. Obradors (ICMAB-CSIC)  
A. Seki (Central Japan Railway)

Physics and Chemistry

Mini-symposium "New Superconductors"

P. Canfield (Iowa State University)  
H. Harima (Osaka University)  
Y. Iwasa (Tohoku University)  
Y. Kitaoka (Osaka University)

Mini-symposium "Electronic State Revealed by Different Energy Scale Probes"

D. N. Basov (University of California, San Diego)  
M. Braden (Laboratoire Leon Brillouin)  
J. C. Campuzano (University of Illinois at Chicago)  
H. Takagi (The University of Tokyo)  
T. Takahashi (Tohoku University)  
Y. Yanase (The University of Tokyo)  
T. Yokoya (The University of Tokyo)

Vortex physics

K. Kumagai (Hokkaido University)  
N. Nishida (Tokyo Institute of Technology)  
Z. Tesanovic (Johns Hopkins University)  
J. Thompson (University of Tennessee)

Bulks / System Applications

M. Jirsa (ASCR)  
K. Sawa (Keio University)  
G. J. Schmitz (Access e.V. Materials and Processes)  
P. Tixador (CNRS/CRTBT-LEG)  
J. Wang (Southwest Jiaotong University)

Wires & Tapes / system Applications

P. Corsaro (Pirelli Cavi e Sistemi)  
Chang-Beom Eom (University of Wisconsin-Madison)  
J. Fujikami (Sumitomo Electric Ind. ustries, Ltd.)  
P. Haldar (Intermagnetics General Corp.)  
I. Hirabayashi (ISTEC)  
K. Kakimoto (Fujikura Ltd.)  
T. Manabe (National Institute of Advanced Industrial Science and Technology)  
T. Masuda (Sumitomo Electric Lnd. ustries, Ltd.)  
T. Matsushita (Kyushu Institute of Technology)  
L. Paranthaman (Oak Ridge National Laboratory)  
M. Suenaga (Brookhaven National Laboratory)  
K. Togano (National Research Institute for Metals)  
K. Ueda (Super-GM)  
K. Wada (The Furukawa Electric Co., Ltd.)  
M. Wake (High Energy Accelerator Research Organization)

Films and Junctions / Electronic Devices

M. Aoki (Cryodevice Inc.)  
M. Dorojevets (State University of New York)  
H. Fuke (Toshiba Corporation)  
G. Gerritsma (University of Twente)  
Y. Ishimaru (ISTEC)  
W. N. Kang (Pohang University of Science and Technology)  
D.B. Laubacher (Du Pont Superconductivity)  
K. Miyahara (ISTEC)  
K. Nikawa (NEC Corporation)  
K. Saitoh (Hitachi Ltd.)  
T. Schurig (Physikalisch-Technische Bundesanstalt)  
R. Semerad (THEVA Duennschichttechnik GmbH)  
J. Yoshida (Toshiba Corporation)  
K. S. Yun (Tokyo Institute of Technology)

15th International Symposium on Superconductivity (ISS2002)

Monday, November 11 - Wednesday, November 13, 2002  
Pacifico Yokohama Conference Center, Yokohama, Japan

Chairpersons of the Program Committee

O. Tsukamoto (Yokohama National University)  
P. Komarek (Forschungszentrum Karlsruhe)

Invited Speakers

Special Plenary Lectures

S. Tanaka (ISTEC-SRL)  
H. -W. Neumueller (Siemens AG)

Plenary Lectures

J. C. S. Davis (University of California, Berkeley)  
R. B. Hammond (Superconductor Technologies Inc.)  
H. Hayakawa (Nagoya University)  
E. E. Hellstrom (University of Wisconsin-Madison)  
H. Murakami (ISTEC-SRL)  
Y. Shiohara (ISTEC-SRL)

Physics and Chemistry

Mini-symposium(1) "New Materials & New Concept in superconductivity"

K. Amaya (Osaka University)  
M. Azuma (Kyoto University)  
P. Sheng (Hong Kong University of Science and Technology.)  
S. Uji (National Institute for Materials Science)

Mini-symposium(2) "Anomalies in superconducting state of high-Tc cuprates"

J. C. Campuzano (University of Illinois at Chicago)  
H. Eisaki (National Institute of Advanced Industrial Science and Technology (AIST))  
A. Fujimori (The University of Tokyo)  
T. Hanaguri (The University of Tokyo)  
H. Kimura (Tohoku University)  
B. Lake (University of Oxford)  
V. Oganessian (Princeton University)  
M. Ogata (The University of Tokyo)

Vortex physics

K. Hirata (National Institute for Materials Science)  
T. H. Johansen (University of Oslo)  
A. Koshelev (Argonne National Lab.)

Bulks / System Applications

M. R. Koblischka (University of the Saarlands)  
T. Matsuda (DIAX Co., Ltd.)  
K. Noto (Iwate University)  
T. A. Prikhna (The National Academy of Science of Ukraine)

Wires & Tapes / system Applications

N. Amemiya (Yokohama National University)  
U. Balachandran (Argonne National Laboratory)  
H. C. Freyhardt (University of Goettingen)  
K. Fujino (Sumitomo Electric Industries, Ltd.)  
M. Gouge (Oak Ridge National Laboratory)  
D. U. Gubser (Naval Research Laboratory)  
T. Honjoh (ISTEC-SRL)  
A. Ishiyama (Waseda University)  
K. Kakimoto (Fujikura Ltd.)  
T. Kiss (Kyushu University)  
T. Maeda (The Furukawa Electric Co., Ltd.)  
L. J. Masur (American Superconductor Corporation)  
J. J. Rabbers (University of Twente LT/TN)  
V. Selvamanickam (Intermagnetics General Corp.)  
Y. Takahashi (Showa Electric Wire & Cable Co., Ltd)  
K. Ueda (Super-GM)  
Y. Yamada (ISTEC-SRL)  
H. Yoshino (Toshiba Corporation)

Films and Junctions / Electronic Devices

A. Fujimaki (Nagoya University)  
F. Furuta (Hitachi Ltd.)  
I. Iguchi (Tokyo Institute of Technology)  
H. Katsuno (Toshiba Corporation)  
A. Y. Kidiyarova-Shevchenko (Chalmers University of Technology)  
S. K. Lee (University of California, Berkeley)  
H. Shimakage (Communications Research Laboratory)  
Y. Soutome (Hitachi Ltd.)  
Y. Tarutani (ISTEC-SRL)  
H. Toepfer (Technical University of Ilmenau)  
M. Tonouchi (Osaka University)  
X. X. Xi (Pennsylvania State University)  
S. Yorozu (NEC Corporation)

16th International Symposium on Superconductivity (ISS2003)

Monday, October 27 - Wednesday, October 29, 2003  
Tsukuba International Congress Center, Tsukuba, Japan

Chairpersons of the Program Committee

M. Tachiki (National Institute for Materials Science)  
M. Nisenoff (M. Nisenoff Associates)

Invited Speakers

Special Plenary Lectures

S. Akita (Central Research Institute of Electric Power Industry)  
J Spargo (Northrop Grumman Space Technology)

Plenary Lectures

C. P. Foley (CSIRO)  
R. A. Hawsey (Oak Ridge National Laboratory)  
D. C. Larbalestier (University of Wisconsin-Madison)  
U. Mizutani (Nagoya University)  
Y. Shiohara (ISTEC-SRL)  
K. Tsukada (Hitachi, Ltd.)

Physics and Chemistry

Mini-symposium(1) "A New Turn of Strong Correlation Physics"

K. Izawa (The University of Tokyo)  
K. Takada (National Institute for Materials Science)  
J. D. Thompson (Los Alamos National Laboratory)  
Y. Ueda (The University of Tokyo)

Mini-symposium(2) "Interactions in Superconducting State of High-Tc Cuprates"

H. Keller (Universitaet Zuerich-Irchel)  
A. Lanzara (University of California, Berkeley)  
J. Mizuki (Japan Atomic Energy Research Institute)  
L. Pintschovius (Forschungszentrum Karlsruhe)  
T. Sato (Tohoku University)  
N. Tsuda (Tokyo University of Science)

Vortex physics

S. J. Bending (University of Bath)  
M. Kato Osaka (Prefecture University)  
W. -K. Kwok (Argonne National Laboratory)

Bulks / System Applications

D. Cardwell (University of Cambridge)  
T. Habisreuther (IPHT Jena)  
M. Izumi (Tokyo University of Mercantile Marine)  
S. Nariki (ISTEC-SRL)  
Y. Zhao (Southwest Jiaotong University)

Wires & Tapes / system Applications

P. N. Arendt (Los Alamos National Laboratory)  
L. Civale (Los Alamos National Laboratory)  
T. Doi (Kagoshima University)  
S. Hahakura (Sumitomo Electric Industries, Ltd.)  
T. Hasegawa (Showa Electric Wire & Cable Co., Ltd.)  
Y. Iijima (Fujikura Ltd.)  
A. Ishiyama (Waseda University)  
M. Iwakuma (Kyushu University)  
T. Izumi (ISTEC-SRL)  
N. Kashima (Chubu Electric Power Co., Inc.)  
T. Kato (Sumitomo Electric Industries, Ltd.)  
H. Kumakura (National Institute for Materials Science)  
M. Mimura (The Furukawa Electric Co., Ltd.)  
T. Muroga (ISTEC-SRL)  
H.-W. Neumueller (Siemens AG)  
H. Ohsaki (The University of Tokyo)  
M. P. Paranthaman (Oak Ridge National Laboratory)  
M. Rupich (American Superconductor Corporation)  
M. Suenaga (Brookhaven National Laboratory)  
Y. Sugawara (Japan Fine Ceramics Center)

Films and Junctions / Electronic Devices

S. P. Benz (National Institute of Standards and Technology)  
J. F. Bulzacchelli (T. J. Watson Research Center)  
K. Enpuku (Kyushu University)  
Q. Herr (Northrop Grumman Space Technology)  
Y. Kameda (ISTEC-SRL)  
S. Nagasawa (ISTEC-SRL)  
M. Naitoh (NTT Basic Research Laboratories)  
S. Ohshima (Yamagata University)  
Y. K. Park (Korea Research Institute of Standard and Science)  
K. Tanabe (ISTEC-SRL)  
S. Tanaka (Toyohashi University of Technology)  
A. Tzalenchuk (National Physical Laboratory)  
N. Yoshikawa (Yokohama National University)

17th International Symposium on Superconductivity (ISS2004)

Tuesday, November 23 - Thursday, November 25, 2004  
Niigata Convention Center (TOKI MESSE), Niigata, Japan

Chairpersons of the Program Committee

K. Kishio (The University of Tokyo)  
X. Obradors (Institut de Ciència de Materials de Barcelona)

Invited Speakers

Special Plenary Lectures

D. E. Peterson (Los Alamos National Laboratory)  
S. Tanaka (ISTEC-SRL)

Plenary Lectures

J. Clarke (University of California, Berkeley)  
H. C. Freyhardt (University Goettingen)  
A. Fujimaki (Nagoya University)  
M. Murakami (Shibaura Institute of Technology)  
Y. Shiohara (ISTEC-SRL)  
M. Tachiki (National Institute for Materials Science)

Physics and Chemistry

Mini-symposium(1) Vortex Physics; from Simple Metals to High-Tc Oxides"

G. Crabtree (Argonne National Laboratory)  
F. De la Cruz (Centro Atomico Bariloche)  
X. Hu (National Institute for Materials Science)  
M. Ichioka (Okayama University)  
T. Kita (Hokkaido University)  
J. E. Sonier (Simon Fraser University)

Mini-symposium(2) Superconductivity in nano-scale"

Y. Ando (Central Research Institute of Electric Power Industry)  
J. A. Bonetti (California Institute of Technology)  
T. Hasegawa (The University of Tokyo)  
T. Imai (McMaster University)  
Y. Koike (Tohoku University)  
J. Loram (University of Cambridge)  
M. Miryala (ISTEC-SRL)  
M. Vershinin (University of Illinois at Urbana-Champaign)  
Z. Hiroi (The University of Tokyo)  
Y. Yamada (Niigata University)

Bulks and System Applications

H. Fujishiro (Iwate University)  
W. Gawalek (IPHT Jena)  
P. Kummeth (Siemens AG)  
K. Maehata (Kyushu University)  
H. Weber (Vienna University of Technology)

Wires, Tapes and System Applications

N. Amemiya (Yokohama National University)  
B. Balachandran (Argonne National Laboratory)  
P. Clem (Sandia National Laboratory)  
H. Fuji (ISTEC-SRL)  
L. Gianni (Edison S.p.A.)  
A. Goyal (Oak Ridge National Laboratory)  
M. Igarashi (Central Japan Railway Co., Ltd.)  
A. Ishiyama (Waseda University)  
M. Iwakuma (Kyushu University)  
Y. Iwasa (Massachusetts Institute of Technology)  
K. Kakimoto (Fujikura Ltd.)  
S. Kalsi (American Superconductor Corporation)  
N. Kashima (Chubu Electric Power Co., Inc.)  
T. Kato (Japan Fine Ceramics Center)  
T. Kiss (Kyushu University)  
P. Kummeth (Siemens AG)  
D. F. Lee (Oak Ridge National Laboratory)  
K. Matsumoto (Kyoto University)  
T. Matsushita (Kyushu Institute of Technology)  
S. Mukoyama (The Furukawa Electric Co., Ltd.)  
S. Nagaya (Chubu Electric Power Co., Inc.)  
J. Nishioka (Showa Electric Wire & Cable Co., Ltd.)  
X. Obradors (Institut de Ciència de Materials de Barcelona)  
C. Park (Korea Electrotechnology Research Institute)  
W. Prusseit (THEVA Duennschichttechnik GmbH)  
M. Suenaga (Brookhaven National Laboratory)  
C. Thieme (American Superconductor Corporation)  
T. Watanabe (ISTEC-SRL)  
Y.-Y. Xie (SuperPower Inc.)  
Y. Yoshida (Nagoya University)

Films, Junctions and Electronic Devices

B. Cao (Tsinghua University)  
Y. Hashimoto (ISTEC-SRL)  
Y. Kobayashi (Saitama University)  
M. Lancaster (The University of Birmingham)  
R. McDermott (University of California, Santa Barbara)  
B. H. Moeckly (Superconductor Technologies, Inc.)  
Y. Pashkin (RIKEN/NEC)  
J. X. Przybysz (Northrop Grumman Electronic Systems)  
K. Semba (NTT Basic Research Laboratories)  
V. Semenov (State University of New York)  
H. Suzuki (ISTEC-SRL)  
Z. Wang (National Institute of Information and Communications Technology)  
K. Yamanaka (Fujitsu Laboratories Ltd.)  
M. Yoshizawa (Iwate University)

## 18th International Symposium on Superconductivity (ISS2005)

Monday, October 24 - Wednesday, October 26, 2005

Tsukuba International Congress Center (EPOCHAL TSUKUBA), Tsukuba, Japan

### Chairpersons of the Program Committee

Y. Okabe (The University of Tokyo)

R. A. Hawsey (Oak Ridge National Laboratory)

### Invited Speakers

#### Special Plenary Lectures

E. Masada (Tokyo University of Science)

G. J. Yurek (American Superconductor Corporation)

#### Plenary Lectures

D. A. Cardwell (University of Cambridge)

K. Enpuku (Kyushu University)

E. Takayama-Muromachi (National Institute for Materials Science)

Y. Nakagawa (Ishikawajima-Harima Heavy Industries Co., Ltd.)

H. Ohsaki (The University of Tokyo)

H. Rogalla (University of Twente)

### Physics and Chemistry

#### Mini-symposium : "Towards Higher T<sub>c</sub>"

I. Bozovic (Brookhaven National Laboratory)

Y. L. Chen (Stanford University)

P. Dai (The University of Tennessee)

T. Devereaux (University of Waterloo)

C. C. Homes (Brookhaven National Laboratory)

A. Iyo (National Institute of Advanced Industrial Science and Technology)

M. Kato (Tohoku University)

Y. Kitaoka (Osaka University)

H. Sato (NTT Basic Research Laboratory)

T. Sato (Tohoku University)

T. Tohyama (Tohoku University)

Y. J. Uemura (Columbia University)

S. Wakimoto (Japan Atomic Energy Research Institute)

T. Yoshida (The University of Tokyo)

#### Vortex Physics

P. Leiderer (University of Konstanz)

T. Nishizaki (Tohoku University)

D. M. Paul (University of Warwick)

S. Savell'ev (The Institute of Physical and Chemical Research (RIKEN))

#### Bulks and Characterization

P. Diko (Slovak Academy of Sciences)

A. Gandini (University of Houston)

M. Kitano (Kitano Seiki Co., Ltd.)

A. Saito (Yamagata University)

### Wires, Tapes and Characterization

J. Bock (Nexans Superconductors GmbH)

L. Civale (Los Alamos National Laboratory)

M. Dhalle (University of Twente)

T. Hasegawa (Showa Electric Wire & Cable Co., Ltd.)

R. A. Hawsey (Oak Ridge National Laboratory)

Y. Iijima (Fujikura Ltd.)

T. Izumi (ISTEC-SRL)

T. Kiss (Kyushu University)

H. Kumakura (National Institute for Materials Science)

V. Matias (Los Alamos National Laboratory)

K. Matsumoto (Kyoto University)

M. Mori (Chubu Electric Power Co., Inc.)

S.-S. Oh (Korea Electrotechnology Research Institute)

K. Ohmatsu (Sumitomo Electric Industries, Ltd.)

M. P. Paranthaman (Oak Ridge National Laboratory)

J. Reeves (SuperPower Inc.)

S. Schlachter (Forschungszentrum Karlsruhe)

C. Schmidt (Forschungszentrum Karlsruhe)

Y. Shiohara (ISTEC-SRL)

O. Tsukamoto (Yokohama National University)

Y. Yamada (ISTEC-SRL)

Y. Yoshida (Nagoya University)

### Films, Junctions and Electronic Devices

F.-I. Buchholz (Physikalisch-Technische Bundesanstalt)

D. Drung (PTB Berlin)

C. Haeussler (University of Tuebingen)

T. Hashimoto (Toshiba Corporation)

Y. Kameda (ISTEC-SRL)

A. Kandori (Hitachi, Ltd.)

A. Kidiyarova-Shevchenko (Chalmers University of Technology)

T. Manabe (National Institute of Advanced Industrial Science and Technology)

M. Mukaida (Kyushu University)

T. Nagaishi (Sumitomo Electric Hightechs Co., Ltd.)

S. Polonsky (IBM Thomas J. Watson Research Center)

H. Terai (National Institute of Information and Communications Technology (NICT))

G. Tsuzuki (Superconductor Technologies, Inc.)

H. Wakana (ISTEC-SRL)

X. Xi (The Pennsylvania State University)

### Large Scale System Applications

K. Amm (GE Global Research Center)

H. Hata (Railway Technical Research Institute)

A. Ishiyama (Waseda University)

Y. Iwasa (Massachusetts Institute of Technology)

A. Kawagoe (Kagoshima University)

N. Koshizuka (ISTEC-SRL)

M. McCarthy (American Superconductor Corporation)

S. Mukoyama (The Furukawa Electric Co., Ltd.)

S. Nagaya (Chubu Electric Power Co., Inc.)

19th International Symposium on Superconductivity (ISS2006)

Monday, October 30 - Wednesday, November 1, 2006  
Nagoya Congress Center, Nagoya, Japan

Chairpersons of the Program Committee

U. Mizutani (Toyota Physical&Chemical Research Institute)  
T. Claeson (Chalmers University of Technology)

Invited Speakers

Special Plenary Lectures

S. Tanaka (ISTEC-SRL)  
D. E. Peterson (Los Alamos National Laboratory)

Plenary Lectures

J. Akimitsu (Aoyama Gakuin University)  
C. W. Chu (The Hong Kong University of Science and Technology)  
D. U. Gubser (Naval Research Laboratory)  
J. Martinis (University of California, Santa Barbara)  
T. Oka (Niigata University)  
Y. Shiohara (ISTEC-SRL)

Physics and Chemistry

including Mini-symposium : "Andreev Reflection in Anisotropic Superconductors"

Y. Asano (Hokkaido University)  
A. Q. R. Baron (SPRING-8/JASRI)  
Y. Dagan (Tel Aviv University)  
M. Z. Hasan (Princeton University)  
A. Ino (Hiroshima University)  
S. Kashiwaya (National Institute of Advanced Industrial Science and Technology)  
H. Kawarada (Waseda University)  
B. Kyung (University of Sherbrooke)  
A. Maeda (The University of Tokyo)  
N. Nishida (Tokyo Institute of Technology)  
H. Takayanagi (Tokyo University of Science)  
N. L. Wang (Chinese Academy of Sciences)  
J. Y. T. Wei (University of Toronto)

Vortex Physics

M. Putti (University of Genova and CNR/INFN-LAMIA)

Bulks and Characterization

G. Krabbes (IFW Dresden)  
M. Morita (Nippon Steel Corporation)  
T. Nakamura (The Institute of Physical and Chemical Research(RIKEN))  
J. G. Noudem (Laboratoire CRISMAT/ENSICAEN)

Wires, Tapes and Characterization

including Special Session : "20 Years after Discovery of HTS; R&D of Wire & Tapes"

N. Amemiya (Yokohama National University)  
S. Awaji (Tohoku University)  
T. Bauch (Chalmers University of Technology)  
L. Civale (Los Alamos National Laboratory)  
P. G. Clem (Sandia National Laboratories)  
R. C. Duckworth (Oak Ridge National Laboratory)  
H. C. Freyhardt (Universitaet Goettingen)  
I. Fujimoto (Fujikura Ltd.)  
A. Goyal (Oak Ridge National Laboratory)  
T. Hasegawa (SWCC Showa Cable Systems Co., Ltd.)  
A. Ishiyama (Waseda University)

T. Izumi (ISTEC-SRL)  
N. Kashima (Chubu Electric Power Co., Inc.)  
T. Kato (Japan Fine Ceramics Center)  
T. Kiss (Kyushu University)  
H. Kumakura (National Institute for Materials Science)  
D. C. Larbalestier (Florida State University)  
A. P. Malozemoff (American Superconductor Corporation)  
K. Matsumoto (Kyoto University)  
T. Matsushita (Kyushu Institute of Technology)  
S. Nagaya (Chubu Electric Power Co., Inc.)  
X. Obradors (Institut de Ciencia de Materials de Barcelona(ICMAB))  
S.-S. Oh (Korea Electrotechnology Research Institute)  
W. Prusseit (THEVA Duennschichttechnik GmbH)  
T. Puig (Institut de Ciencia de Materials de Barcelona(ICMAB))  
K. Sato (Sumitomo Electric Industries, Ltd.)  
V. Selvamanickam (SuperPower Inc.)  
J. Shimoyama (The University of Tokyo)  
Y. Takahashi (SWCC Showa Cable Systems Co., Ltd.)  
T. Takao/K. Nakamura (Sophia University)  
M. Ueyama (Sumitomo Electric Industries, Ltd.)  
J. Wu (University of Kansas)  
Y. Yamada (ISTEC-SRL)  
Y. Yoshida (Nagoya University)  
W. Zhang (American Superconductor Corporation)

Films, Junctions and Electronic Devices

T. Bauch (Chalmers University of Technology)  
A. Fujimaki (Nagoya University)  
Q. Herr (Northrop Grumman Space Technology)  
M. Hidaka (ISTEC-SRL)  
H. Hilgenkamp (University of Twente)  
Y.-H. Lee (Korea Research Institute of Standards and Science(KRISS))  
J. E. Mooij (Delft University of Technology)  
Y. Nakamura (NEC Corporation)  
N. Newman (Arizona State University)  
K. Nikawa (NEC Electronics Corporation)  
T. Noguchi (National Astronomical Observatory of Japan)  
C. Otani (The Institute of Physical and Chemical Research(RIKEN))  
K. Semba (NTT Basic Research Laboratories)  
K. Tanabe (ISTEC-SRL)  
E. K. Track (Hypres, Inc.)  
P. H. Wu (University of Nanjing)

Large Scale System Applications

N. Koizumi (Japan Atomic Energy Agency)  
H. -W. Neumueller (Siemens AG)  
M. Noe (Forschungszentrum Karlsruhe GmbH)  
K. -C. Seong (Korea Electrotechnology Research Institute)  
T. Tanaka (The Institute of Physical and Chemical Research(RIKEN))

## 20th International Symposium on Superconductivity (ISS2007)

Monday, November 5 - Wednesday, November 7, 2007  
EPOCHAL TSUKUBA, Tsukuba, Japan

### Chairpersons of the Program Committee

S. Uchida (The University of Tokyo)  
H. W. Weber (TU Wien, Atomic Institute, Vienna, Austria)

### Invited Speakers

#### Special Plenary Lectures

G. Crabtree (Argonne National Laboratory)  
O. Tsukamoto (Yokohama National University)

#### Plenary Lectures

H. Koch (Physikalisch-Technische Bundesanstalt)  
O. Mukhanov (HYPRES, Inc.)  
S. Nishijima (Osaka University)  
N. Sakai (ISTEC-SRL)  
S. Uchida (The University of Tokyo)  
H. W. Weber (TU Wien, Atomic Institute, Vienna, Austria)

#### Physics and Chemistry / Vortex Physics

including Mini-symposium : "Quantum Critical Point and Superconductivity"

D. Bonn (University of British Columbia)  
P. Bourges (Laboratoire Leon Brillouin, CEA Saclay)  
M. Fujita (Tohoku University)  
R. L. Greene (University of Maryland)  
M. Greven (Stanford University)  
T. Hanaguri (RIKEN)  
H. Kitano (Aoyama Gakuin University)  
D. Manske (Max-Planck-Institut fuer Festkoerperforschung)  
K. Matsuba (Tokyo Institute of Technology)  
K. Miyake (Osaka University)  
M. Ogata (The University of Tokyo)  
B. Rosenstein (National Chiao Tung University)  
H. Sato (Tokyo Metropolitan University)

#### Bulks and Characterization

N. Hari Babu (Brunel University)  
M. Izumi (Tokyo University of Marine Science and Technology)  
C. -J. Kim (Korea Atomic Energy Research Institute)  
U. Mizutani (Toyota Physical & Chemical Research Institute)  
M. Strasik (Boeing Phantom Works)  
H. Suzuki (Fukushima National College of Technology)

#### Wires, Tapes and Characterization

N. Amemiya (Yokohama National University)  
Y. Aoki (SWCC Showa Cable Systems Co., Ltd.)  
N. Ayai (Sumitomo Electric Industries, Ltd.)  
S. Dou (University of Wollongong)  
J. Ekin (National Institute of Standards and Technology)  
T. Haugan (Air Force Research Laboratory)

B. Holzapfel (IFW Dresden)  
Y. Iijima (Fujikura Ltd.)  
T. Izumi (ISTEC-SRL)  
T. Kato (Japan Fine Ceramics Center)  
T. Kiss (Kyushu University)  
H. Kitaguchi (National Institute for Materials Science)  
K. Marken (Los Alamos National Laboratory)  
K. Matsumoto (Kyushu Institute of Technology)  
S.-S. Oh (Korea Electrotechnology Research Institute)  
M. P. Paranthaman (Oak Ridge National Laboratory)  
M. Rupich (American Superconductor Corporation)  
H. Sakamoto (Furukawa Electric Co., Ltd.)  
V. Selvamanickam (SuperPower Inc.)  
Y. Shiohara (ISTEC-SRL)  
M. Suenaga (Kyushu University)  
M. Sumption (The Ohio State University)  
M. Ueyama (Sumitomo Electric Industries, Ltd.)  
T. Watanabe (Chubu Electric Power Co., Inc.)  
Y. Yamada (ISTEC-SRL)  
Y. Yoshida (Nagoya University)

#### Films, Junctions and Electronic Devices

K. Enpuku (Kyushu University)  
Y. Hashimoto (ISTEC-SRL)  
A. Kirichenko (HYPRES, Inc.)  
S. W. Nam (National Institute of Standards and Technology)  
M. Ohkubo (National Institute of Advanced Industrial Science and Technology)  
W. Oliver (MIT Lincoln Laboratory)  
S. Saito (NTT Basic Research Laboratories)  
H. Suzuki (ISTEC-SRL)  
L. Trahms (Physikalisch-Technische Bundesanstalt)  
Z. Wang (National Institute of Information and Communications Technology)  
D. Winkler (Chalmers University of Technology)  
X. Xi (The Pennsylvania State University)  
K. Yamanaka (Fujitsu Laboratories LTD.)  
S. Yorozu (NEC Corporation)

#### Large Scale System Applications

A. Ballarino (CERN)  
J. F. Hill (Converteam)  
N. Hirano (Chubu Electric Power Co., Inc.)  
H. T. Kate (CERN)  
T. Masuda (Sumitomo Electric Industries, Ltd.)  
W. Schmidt (Siemens AG)  
T. Yazawa (Toshiba Corporation)

21<sup>st</sup> International Symposium on Superconductivity (ISS2008)

Monday, October 27 - Wednesday, October 29, 2008  
EPOCHAL TSUKUBA, Tsukuba, Japan

Chairpersons of the Program Committee

K. Takita (Tsukuba University)  
P. M. Grant (Stanford University)

Invited Speakers

Special Plenary Lectures

J.W. Spargo (Northrop Grumman Space Technology)  
Y. Shiohara (ISTEC-SRL)

Plenary Lectures

H. Ikuta (Nagoya University)  
D.F. Lee (Oak Ridge National Laboratory)  
J. Maguire (American Superconductor Corporation)  
K. Matsumoto (Kyushu Institute of Technology)  
Y. Onuki (Osaka University)  
K. Tanaka (SII NanoTechnology Inc.)

Physics and Chemistry / Vortex Physics

Including Topical Session I: "Relation between pseudo-gap and superconducting gap in high- $T_c$  cuprates",  
II: "New high- $T_c$  superconductors, Oxypnictides"

H. Aoki (The University of Tokyo)  
K. Behnia (Laboratoire Photons Et Matiere, UPR 5-CNRS)  
H.D. Drew (The University of Maryland)  
M. Hirano (JST ERATO-SORST)  
M. Jarrell (University of Cincinnati)  
A. Kaminski (Iowa State University)  
Y. Kohsaka (RIKEN)  
H. Kontani (Nagoya University)  
M. Oda (Hokkaido University)  
Z. Ren (National Laboratory for Superconductivity Institute of Physics)  
D.J. Singh (Oak Ridge National Laboratory)  
K. Tanaka (Osaka University)  
H. Wen (Chinese Academy of Science)

Bulks and Characterization

D. A. Cardwell (University of Cambridge)  
X. Chaud (CRETA, Grenoble)  
I. Chen (National Cheng Kung University)  
S. Fukui (Niigata University)  
S. Horii (The University of Tokyo)  
K. Nagashima (Railway Technical Research Institute)

Wires, Tapes and Characterization

Y. Aoki (SWCC Showa Cable Systems Co., Ltd.)  
S. Awaji (Tohoku University)  
N. Chikumoto (ISTEC-SRL)  
T. Doi (Kagoshima University)  
S. Fleshler (American Superconductor Corporation)

W. Haessler (IFW Dresden)  
Z. Han (Tsinghua University)  
A. Ichinose (Central Research Institute of Electric Power Industry)  
T. Ishida (Sumitomo Electric Industries, Ltd.)  
T. Izumi (ISTEC-SRL)  
T. Kato (Sumitomo Electric Industries, Ltd.)  
T. Kato (Japan Fine Ceramics Center)  
T. Kiss (Kyushu University)  
H. Kumakura (National Institute for Materials Science)  
H. Kutami (Fujikura Ltd.)  
D.C. Larbalestier (Florida State University)  
K. Marken (Los Alamos National Laboratory)  
Y. Mawatari (National Institute of Advanced Industrial Science and Technology)  
S.H. Moon (SuNAM Co., Ltd.)  
W. Prusseit (THEVA Duennschichttechnik GmbH)  
J. Shimoyama (The University of Tokyo)  
Y.-Y. Xie (SuperPower Inc.)  
Y. Yamada (ISTEC-SRL)  
Y. Yoshida (Nagoya University)

Films, Junctions and Electronic Devices

O. Astafiev (NEC Nano Electronics Research Laboratories)  
B. Cao (Tsinghua University)  
M. Dorojevets (Stony Brook University)  
T. Hato (ISTEC-SRL)  
Q. Herr (Northrop Grumman Space Technology)  
B. Karasik (Jet Propulsion Laboratory)  
S. Miki (National Institute of Information and Communications Technology)  
S. Nagasawa (ISTEC-SRL)  
K. Nakayama (Toshiba Corporation)  
Y. Seki (Hitachi, Ltd.)  
H. Wang (University of California, Santa Barbara)  
K. Yamanaka (Fujitsu Limited)  
N. Yoshikawa (Yokohama National University)  
Y. Zhang (Research Center Juelich)

Large Scale System Applications

P. N. Barnes (Air Force Research Laboratory)  
M. Iwakuma (Kyushu University)  
Y. Iwasa (Massachusetts Institute of Technology)  
Y. Kamioka (TAIYO NIPPON SANSO Corporation)  
S. Mukoyama (The Furukawa Electric Co., Ltd.)  
H. Neumuller (Siemens AG)  
T. Sung (Superconductivity & Applications Group)  
A. Yamamoto (KEK, High energy Accelerator Research Organization)  
H. Yamazaki (National Institute of Advanced Industrial Science and Technology)  
T. Yazawa (Toshiba Corporation)

## 22nd International Symposium on Superconductivity (ISS2009)

Monday, November 2 - Wednesday, November 4, 2009  
EPOCHAL TSUKUBA, Tsukuba, Japan

### Chairpersons of the Program Committee

T. Matsushita (Kyushu Institute of Technology)  
H. Rogalla (University of Twente)

### Invited Speakers

#### Special Preary Lectures

H. Hosono (Tokyo Institute of Technology)  
K. Marken (Los Alamos National Laboratory)

#### Plenary Lectures

Y. Iwasa (Tohoku University)  
P. Diko (Slovak Academy of Sciences)  
T. Izumi (ISTEC-SRL)  
M. Espy (Los Alamos National Laboratory)  
P. Tixador (Grenoble INP)  
N. Fujiwara (ISTEC-SRL)

#### Physics and Chemistry / Vortex Physics

X. Chen (University of Science and Technology of China)  
Chul-Ho Lee (National Institute of Advanced Industrial Science and Technology)  
H. Ogino (The University of Tokyo)  
A. Christianson (Oak Ridge National Laboratory)  
I. Mazin (Naval Research Laboratory)  
K. Kuroki (The University of Electro-communications)  
Y. Matsuda (Kyoto University, Graduate School of Science)  
A.V. Balatsky (Los Alamos National Laboratory)  
L. Civale (Los Alamos National Laboratory)  
O.M. Auslaender (Technion - Israel Institute of Technology)

#### Bulks and Characterization

R. Sawh (University of Houston)  
X. Yao (Shanghai Jiao Tong University)  
K. Iida (IFW Dresden)  
T. Abe (Japan Aerospace Exploration Agency)  
T. Kiyoshi (National Institute for Materials Science)  
M. Izumi (Tokyo University of Marine Science and Technology)

#### Wires, Tapes and Characterization

G. Grasso (Columbus Superconductors SpA)  
K. Togano (National Institute for Materials Science)  
T. Matsushita (Kyushu Institute of Technology)  
G. Osabe (Sumitomo Electric Industries, Ltd.)  
A. Otto (American Superconductor Corporation)  
Y. Yoshizumi (ISTEC-SRL)

X. Obradors (Institut de Ciència de Materials de Barcelona, CSIC)  
T. Doi (Kagoshima University)  
Y. Iijima (Fujikura Ltd.)  
M.P. Paranthaman (Oak Ridge National Laboratory)  
Y. Yoshida (Nagoya University)  
D.C. Larbalestier (Florida State University)  
M. Sugano (Kyoto University, Graduate School of Engineering)  
D. Laan (National Institute of Standards and Technology)  
M. Iwakuma (Kyushu University)  
F. Gömöry (Slovak Academy of Sciences, Institute of Electrical Engineering)  
N. Amemiya (Kyoto University)  
K. Tanabe (ISTEC-SRL)

#### Films and Junctions and Electronic Devices

A. Berkley (D-Wave Systems Inc.)  
K. Semba (NTT Basic Research Laboratories)  
V. Semenov (SUNY Stony Brook)  
M. Hidaka (ISTEC-SRL)  
S. Kaplan (HYPRES, Inc.)  
S. Benz (National Institute of Standards and Technology)  
N. Kaneko (National Institute of Advanced Industrial Science and Technology)  
T. Noguchi (National Astronomical Observatory of Japan)  
R. Cristiano (CNR-Cybernetics Institute)  
H. Hiramatsu (Japan Science and Technology Agency)  
J. Kawai (Kanazawa Institute of Technology)  
M. Mueck (University of Giessen)  
S. Tanaka (Toyohashi University of Technology)

#### Large Scale System Applications

Y.-Y. Xie (SuperPower Inc.)  
T. Coombs (Cambridge University)  
L. Masur (Zenergy Power, Inc.)  
S. Hahn (Massachusetts Institute of Technology)  
T. Wakuda (Hitachi Research Laboratory, Hitachi, Ltd.)  
S. Awaji (Tohoku University)  
K. Yoshida (Japan Atomic Energy Agency)  
P. Bruzzone (EPFL-CRPP)  
A.P. Malozemoff (American Superconductor Corporation)  
H. Ohsaki (The University of Tokyo)  
S. Nishijima (Osaka University)

#### Memorial Session for Dr. Suenaga

K. Tachikawa (Tokai University)  
D. O. Welch (Brookhaven National Laboratory)  
K. Sato (Sumitomo Electric Industries, Ltd.)  
D.C. Larbalestier (Florida State University)  
K. Marken (Los Alamos National Laboratory)  
M. Iwakuma (Kyushu University)  
Y. Yoshizumi (ISTEC-SRL)

## 23rd International Symposium on Superconductivity (ISS2010)

Monday, November 1 - Wednesday, November 3, 2010  
EPOCHAL TSUKUBA, Tsukuba, Japan

### Chairpersons of the Program Committee

A. Ishiyama (Waseda University)  
D.A. Cardwell (University of Cambridge)

### Invited Speakers

#### Special Plenary Lectures

K. Seong (Korea Electrotechnology Research Institute)  
K. Tanabe (ISTEC-SRL)

#### Plenary Lectures

K. Irwin (National Institute of Standards and Technology)  
M. Izumi (Tokyo University of Marine Science and Technology)  
Y. Iijima (Fujikura Ltd.)  
S. Shin (The University of Tokyo)  
K. Sato (Sumitomo Electric Industries, Ltd)  
V. Selvamanickam (University of Houston)

#### Physics and Chemistry / Vortex Physics

A. Carrington (University of Bristol)  
T. Bollinger (Brookhaven National Laboratory)  
D. Johrendt (Ludwig-Maximilians-Universität München)  
R. Movshovich (Los Alamos National Laboratory)  
P. Hirschfeld (University of Florida)  
J. Lee (Brookhaven National Laboratory)  
M. Nohara (Okayama University)  
R. Ikeda (Kyoto University)  
I. Vekhter (Louisiana State University/The University of Tokyo)  
Y. Kubozono (Okayama University)  
S. Shamoto (Japan Atomic Energy Agency)  
K. Ishida (Kyoto University)  
S. Onari (Nagoya University)  
Y. Kamihara (Keio University)  
I. Tsukada (Central Research Institute of Electric Power Industry)

#### Bulks and Characterization

S. K. Pathak (University of Cambridge)  
P. Vanderbemden (University of Liege, SUPRATECS)  
N. Pompeo (Roma Tre University)  
M. Tsuda (Tohoku University)  
Z. Akase (Tohoku University)

#### Wires, Tapes and Characterization

M. Rupich (American Superconductor Corporation)  
S.H. Moon (SuNAM Co., Ltd.)  
B. Maiorov (Los Alamos National Laboratory)  
E. Hellstrom (Florida State University)  
R. Flukiger (University of Geneva)  
W. Goldacker (Karlsruhe Institute of Technology)

H. Kumakura (National Institute for Materials Science)  
T. Nakashima (Sumitomo Electric Industries, Ltd)  
Y. Yoshizumi (ISTEC-SRL)  
Y. Aoki (SWCC Showa Cable Systems Co., Ltd.)  
K. Abiru (Sumitomo Electric Industries, Ltd)  
Y. Ichino (Nagoya University)  
P. Mele (Kyushu Institute of Technology)  
K. Kaneko (Kyushu University)  
G. Nishijima (National Institute for Materials Science)  
T. Kiss (Kyushu University)  
M. Iwakuma (Kyushu University)  
K. Marken (Los Alamos National Laboratory)  
T. Izumi (ISTEC-SRL)  
X. Obradors (Institut de Ciència de Materials de Barcelona)

#### Films, Junctions and Electronic Devices

M. Burghoff (Physikalisch-Technische Bundesanstalt)  
A. Casaburi (CNR -Cybernetics Institute)  
M. Khapipov (Physikalisch-Technische Bundesanstalt)  
J. Martinis (University of California, Santa Barbara)  
L. Cao (Institute of Physics and Beijing National Laboratory for Condensed Matter Physics)  
Y. Hatsukade (Toyohashi University of Technology)  
M. Tanaka (Nagoya University)  
T. Katase (Tokyo Institute of Technology)  
D. Fukuda (National Institute of Advanced Industrial Science and Technology)  
H. Ikuta (Nagoya University)  
M. Naito (Tokyo University of Agriculture and Technology)  
O. Astafiev (NEC Nano Electronics Research Laboratories)

#### Large Scale System Applications

Y. Kwon (Korea Electrotechnology Research Institute)  
R. Hellinger (Siemens AG, Corporate Technology)  
S. Dale (Florida State University)  
A. Abrahamsen (Technical University of Denmark)  
S. Mehta (Waukesha Electric Systems)  
B. Fitzpatrick (U. S. Navy, Naval Surface Warfare Center)  
Y. Won (Korea Electric Power Corporation)  
K. Umemoto (Kawasaki Heavy Industries, Ltd.)  
T. Kiyoshi (National Institute for Materials Science)  
N. Hayakawa (Nagoya University)  
M. Ogata (Railway Technical Research Institute)  
S. Yamaguchi (Chubu University)  
J. Maguire (American Superconductor Corporation)  
J. Llambes (SuperPower, Inc.)