

CALENDAR

August 1998

Aug 2-7 24th Intl Conf on Phys of Semiconductors (ICPS24) [IUPAP] Jerusalem, Israel *Contact:* M. Heilblum, Condensed Matter Phys Dept, Weizmann Inst of Sci, Rehovot 76100, Israel *E-mail:* heilblum@wis.weizmann.ac.il ★

Aug 3-6 ICO Top Mtg: Optics for Information Infrastructure [IUPAP] Tianjin, China *Contact:* M. G. Guang, Inst for Modern Optics, Nankai Univ, 94 Weijin Rd, Tianjin 300071, China *E-mail:* imo@sun.nankai.edu.cn

Aug 3-7 12th Intl Conf on Vacuum Ultraviolet Radiation Phys San Francisco, CA *Contact:* E. Saucier, LBNL, Adv Light Source, MS 80-101, Berkeley, CA 94720 *E-mail:* vuv12@lbl.gov ★

Aug 3-7 16th Intl Conf on Atomic Phys (ICAP 16) Windsor, Ontario, Canada *Contact:* G. Drake, Phys Dept, Univ of Windsor, Windsor, Ontario N9B 3P4, Canada *E-mail:* icap@uwindsor.ca ★

Aug 3-7 47th Ann Denver X-Ray Conf Colorado Springs, CO *Contact:* Schools and Confs, Intl Ctr for Diffraction Data, 12 Campus Blvd, Newtown Square, PA 19073-3273 *E-mail:* dxc@icdd.com

Aug 3-8 AAPT Summer Mtg Lincoln, NE *Contact:* AAPT

Aug 3-14 26th SLAC Summer Inst on Particle Phys: Gravity— From

Hubble Length to Planck Length Stanford, CA *Contact:* L. DePorcel, SLAC, MS 62, PO Box 4349, Stanford, CA 94309 *E-mail:* ssi@slac.stanford.edu ★

Aug 3-15 Cargèse Sum Sch: QED Phenomena and Applications of Microcavities and Photonic Crystals Cargèse, France *Contact:* K. Hoeldrich, EPFL, PO Box 123, 1015 Lausanne, Switzerland *E-mail:* hoeldrich@imo.dp.epfl.ch ★

Aug 4-8 6th Intl Conf on Biophys and Synchrotron Radiation (BSR 98) Argonne, IL *Contact:* S. B. Strasser, BSR 98 Conf Office, Adv Photon Source, Argonne Natl Lab, 9700 S Cass Ave, Argonne, IL 60439 *E-mail:* bsr98@aps.anl.gov ★

Aug 4-28 Les Houches Sum Sch: Infrared Space Astron Les Houches, France *Contact:* Ecole D'Ete de Phys Theorique, La Côte des Chavants, 74310 Les Houches, France *E-mail:* secretariat.houches@ujf-grenoble.fr ★

Aug 9-12 4th Intl Symp on Environmental Geotech and Global Sustainable Development Boston, MA *Contact:* V. O. Ogunro, Ctr for Environmental Eng, Sci and Tech, Univ of Massachusetts, North Campus, Rm E-114, One Univ Ave, Lowell, MA 01854 *E-mail:* ogunrov@woods.uml.edu

Aug 9-13 6th Intl Colloq on Atomic Spectra and Oscillator Strengths

(ASOS-6) Victoria, British Columbia, Canada *Contact:* P. McGuire, Div of Continuing Studies, Univ of Victoria, Rm A275, 2nd Floor, Univ Ctr, PO Box 3030 STN CSC, Victoria, British Columbia V8W 3N6, Canada *E-mail:* asos6@uvcs.uvic.ca ★

Aug 9-13 Ann Mtg of AAPM San Antonio, TX *Contact:* AAPM

● **Aug 10-12 3rd Ann Los Alamos Neutron Sci Ctr User Mtg** Los Alamos, NM *Contact:* A. Archuleta, LANSCE User Office, Los Alamos, NM 87545 *E-mail:* ala@lanl.gov ★

Aug 10-15 4th Intl Aalborg Sum Sch on Nonlinear Optics and Mesoscopic Electrodynamics Aalborg, Denmark *Contact:* Conf Secretariat, Inst of Phys, Aalborg Univ, Pontoppidanstraede 103,

Address Key

Addresses for meetings information from frequently listed organizations are given below. Links to web sites are provided on-line.

AAPM One Physics Ellipse, College Park, MD 20740-3846 [Ph. 301-209-3350, *e-mail* aapm@aapm.acp.org]

AAPT One Physics Ellipse, College Park, MD 20740-3845 [Ph. 301-209-3300, *e-mail* aapt-meet@aapt.org]

AAS 2000 Florida Ave NW, Ste 400, Washington, DC 20009-1231 [Ph. 202-328-2010]

ACA Box 96, Ellicott Station, Buffalo, NY 14205-0096 [Ph. 716-856-9600]

AGU 2000 Florida Ave NW, Washington, DC 20009-1277 [Ph. 202-462-6900, *e-mail* meetinginfo@kosmos.agu.org]

ANS 555 N Kensington Ave, La Grange Park, IL 60525 [Ph. 708-579-8254, *e-mail* meetings@ans.org]

APS One Physics Ellipse, College Park, MD 20740-3844 [Ph. 301-209-3286, *e-mail* meetings@aps.org]

ASA 500 Sunnyside Blvd, Woodbury, NY 11797-2999 [Ph. 516-576-2360, *e-mail* asa@aip.org]

AVS 120 Wall St, 32nd Floor, New York, NY 10005-3993 [Ph. 212-248-0327, *e-mail* avsnyc@vacuum.org]

ESF 1 quai Lezay-Marnésia, F-67080 Strasbourg, France [Ph. +33 3 88 76 71 35, *e-mail* euresco@esf.org]

GRC Univ of Rhode Island, PO Box 984, West Kingston, RI 02892-0984 [Ph. 401-783-4011, *e-mail* grc@grcmail.grc.uri.edu]

IAEA PO Box 100, A-1400 Vienna, Austria [Ph. +43 1 2060 0, *e-mail* official.mail@iaea.org]

ICTP PO Box 586, 34100 Trieste, Italy [Ph. +39 40 224 0111, *e-mail* ictpconf@ictp.trieste.it]

MRS 506 Keystone Dr, Warrendale, PA 15086 [Ph. 412-779-3003, *e-mail* info@mrs.org]

OSA 2010 Massachusetts Ave NW, Washington, DC 20036 [Ph. 202-223-0920, *e-mail* confserv@osa.org]

SoR 500 Sunnyside Blvd, Woodbury, NY 11797-2999 [Ph. 516-576-2403]

SPIE PO Box 10, Bellingham, WA 98227 [Ph. 360-676-3290, *e-mail* spie@spie.org]

This calendar appears in the January, April, July and October issues. It is also available on our home page at <http://www.aip.org/pt/calmenu.html>. Notices should be sent at least two months in advance of publication (for example, by 1 May for the July issue) to: Calendar, PHYSICS TODAY, American Center for Physics, One Physics Ellipse, College Park, MD 20740-3843. They may be e-mailed to ptcal@aip.acp.org.

The listings are coded as follows: **date** **title** **location** **contact**

● New listing. ○ Newly revised listing. ★ On-line calendar has a link to a web site.

Key to Organizations

AAAS American Association for the Advancement of Science	IEEE Institute of Electrical and Electronics Engineers
AAPM American Association of Physicists in Medicine	IOP Institute of Physics (London)
AAPT American Association of Physics Teachers	IUCr International Union of Crystallography
AAS American Astronomical Society	IUPAC International Union of Pure and Applied Chemistry
ACA American Crystallographic Association	IUPAP International Union of Pure and Applied Physics
AGU American Geophysical Union	LANL Los Alamos National Laboratory
ANS American Nuclear Society	LBNL Lawrence Berkeley National Laboratory
APS American Physical Society	LLNL Lawrence Livermore National Laboratory
ASA Acoustical Society of America	MRS Materials Research Society
AVS American Vacuum Society	NAS National Academy of Sciences
BNL Brookhaven National Laboratory	NIST National Institute of Standards and Technology
CNRS Centre National de la Recherche Scientifique	NRL Naval Research Laboratory
DOE Department of Energy	NSF National Science Foundation
DPG Deutsche Physikalische Gesellschaft	ORNL Oak Ridge National Laboratory
EOS European Optical Society	OSA Optical Society of America
EPS European Physical Society	SIAM Society for Industrial and Applied Mathematics
ESF European Science Foundation	SLAC Stanford Linear Accelerator Center
GRC Gordon Research Conferences	SoR Society of Rheology
IAEA International Atomic Energy Agency	SPIE International Society for Optical Engineering
IAU International Astronomical Union	SPS Society of Physics Students
ICTP International Centre for Theoretical Physics	

DK-9220 Aalborg Ost, Denmark *E-mail:* nome98@physics.auc.dk

Aug 10-15 Nuclear Structure 98 Gatlinburg, TN *Contact:* C. Baktash, Phys Div, ORNL, PO Box 2008, Oak Ridge, TN 37831-6371 *E-mail:* baktashc@ornl.gov

Aug 15-20 11th Intl Cong on Photosynthesis [IUPAP] Budapest, Hungary *Contact:* G. Garab, Biological Rsch Ctr, PO Box 521, Szeged 6701, Hungary *E-mail:* photosy@everx.szbk.u-szeged.hu ★

Aug 16-20 18th Eur Crystallographic Mtg (ECM-18) Prague, Czech Republic *Contact:* R. Kuzel, Faculty of Math and Phys, Charles Univ, 121 16 Praha 2, Ke Karlovu 5, Czech Republic *E-mail:* kuzel@karlov.mff.cuni.cz ★

Aug 17-20 2nd Intl Conf on Climate and Water Espoo, Finland *Contact:* N. Helenius, Helsinki Univ of Tech, Water Resources Eng, Tietotie 1, FIN-02150 Espoo, Finland *E-mail:* nheleniu@ahiti.hut.fi ★

Aug 17-20 3rd Intl Electronic Packaging Tech Symp Beijing, China *Contact:* Intl Microelectronics and Packaging Soc, 1850 Centennial Park Dr, Ste 105, Reston, VA 20191-1517 *E-mail:* imaps@aol.com ★

● **Aug 17-21 9th Intl Conf on Solid State Protonic Conductors** Bled, Slovenia *Contact:* SSPC-9, Jozef Stefan Inst, Jamova 39, p.p. 3000, SI-1001 Ljubljana, Slovenia *E-mail:* sspc9@ijs.si ★

● **Aug 17-21 AVS Short Courses** Arvada, CO *Contact:* AVS

Aug 17-21 18th Intl Symp on Discharges and Electrical Insulation in Vacuum (ISDEIV) Eindhoven, The Netherlands *Contact:* C. Schreurs, Cong Office ISDEIV 98 Aud.2.26, Eindhoven Univ of Tech, PO Box 513, 5600 MB Eindhoven, The Netherlands *E-mail:* c.l.a.schreurs@ieb.tue.nl

Aug 17-21 Intl Conf on Satellites, Oceanography and Soc Lisbon, Portugal *Contact:* D. Halpern, Jet Propulsion Lab, MS 300-323, Caltech, Pasadena, CA 91109-8099 *E-mail:* halpern@pacific.jpl.nasa.gov ★

Aug 20-21 Intl Wksp on Opt Ferroelectric Materials Breckenridge, CO *Contact:* N. Sanford, NIST, Mail Code 815.04, 325 Broadway, Boulder, CO 80303-3328 *E-mail:* sanford@boulder.nist.gov

Aug 21-26 Surface Eng for Protection of Metals and Alloys: Surface State of Metals and Alloys and Modification for Protection Granada, Spain *Contact:* ESF

Aug 23-28 Hands-On Experiments in Phys Education [IUPAP] Duisburg, Germany *Contact:* H. Harreis, Technical Univ Munchen, Dept of Phys E20, D-85747 Garching, Germany

Aug 24-29 Intl Conf on Nuclear Phys (INPC98) [IUPAP] Paris, France *Contact:* B. Frois, IPN Orsay, F-91406 Orsay Cedex, France *E-mail:* inpc98@amoco.saclay.cea.fr

Aug 25-28 7th Intl Conf in Theor Aspects of Heterogeneous Catalysis (CAT98) Cambridge, UK *Contact:* A. Wander, Dept of Chem, Univ of Cambridge, Lensfield Rd, Cambridge CB2 1EW, UK *E-mail:* cat98@ch.cam.ac.uk ★

Aug 25-29 14th Europhys Conf on Atomic and Molecular Phys of Ionized Gases (ESCAMPIG) Malahide, Ireland *Contact:* S. Fahy, Plasma Rsch Lab, Sch of Physical Sci, Dublin City Univ, Dublin 9, Ireland *E-mail:* escampig98@physics.dcu.ie

● **Aug 27-Sept 2 Sum Sch: Symmetry and Structural Properties of Condensed Matter (SSPCM 98)** Zajączkowo (near Poznań), Poland *Contact:* B. Lulek, Inst of Phys, A. Mickiewicz Univ, ul. Umultowska 85, 61-614 Poznań, Poland *E-mail:* barlulek@phys.amu.edu.pl

Aug 31-Sept 2 2nd Conf of Hellenic Soc of Rheology (HSR 98) Crete, Greece *Contact:* E. Karali, Foundation for Rsch and Tech—Hellas, IESL, PO Box 1527, 71110 Heraklion, Crete, Greece ★

Aug 31-Sept 4 6th Intl Conf on X-Ray Lasers Kyoto, Japan *Contact:* Y. Kato, Inst of Laser Eng, Osaka Univ, Suita, Osaka 565, Japan *E-mail:* xadmin@apjr.jaeri.go.jp ★

Aug 31-Sept 4 Theory of Fusion Plasma Varenna, Italy *Contact:* J. Vaclavik, CRPP/EPFL, 21 Ave des Bains, 1007 Lausanne, Switzerland

Aug 31-Sept 5 Mysteries, Puzzles and Paradoxes in Quantum Mechanics Gargnano, Garda Lake, Italy *Contact:* R. Bonifacio, Dipartimento di Fisica, via Celria 16, 20133 Milan, Italy ★

September 1998

Sept 1-5 Wksp on Nonlinear and Collective Effects in Beam Phys Arcidosso, Italy *Contact:* M. Laraneta, UCLA, Phys Dept, 405 Hilgard Ave, Los Angeles, CA 90024-1547 *E-mail:* laraneta@physics.ucla.edu

Sept 2-5 Conf on Computational Phys (CCP98) [IUPAP] Granada, Spain *Contact:* J. Marro, Inst Carlos I, Facultad de Ciencias, Univ de Granada, E-18071 Granada, Spain *E-mail:* ccp1998@goliath.ugr.es ★

Sept 6-11 5th Eur Rheology Conf Portoroz, Slovenia *Contact:* I. Emri, Ctr for Exper Mechanics, Univ of Ljubljana, SI-1125 Ljubljana, Slovenia *E-mail:* rheo.98@ki.si ★

Sept 6-11 Intl Conf on Extended Defects in Semiconductors Jaszowiec, Poland *Contact:* H. Granat, Inst of Phys of Polish Academy of Sci, Al Lotnikow 32/46, 02-668 Warsaw, Poland *E-mail:* granat@ifpan.edu.pl ★

Sept 7-11 Biomed Optics Edinburgh, Scotland *Contact:* EOS, c/o Françoise Chavel, BP 147, 91403 Orsay Cedex, France *E-mail:* francoise.chavel@iota.u-psud.fr

Sept 7-11 Intl Conf on High-Energy Accelerators (HEACC98) [IUPAP] Dubna, Russia *Contact:* I. Meshkov, JINR, Dubna, Moscow Region 141980,

Russia *E-mail:* meshkov@nu.jinr.ru ★

● **Sept 7-11 La Jolla Adv Topics Rsch Sch: Semiconductor Sci and Tech** La Jolla, CA *Contact:* V. Stefan, La Jolla Intl Sch of Phys, Inst for Adv Phys Studies, 7596 Eads Ave, La Jolla, CA 92038-2946 *E-mail:* semiconductor@stefan-university.edu ★

Sept 8-12 BIOS Europe 98 Stockholm, Sweden *Contact:* EUROPTO Series, BIOS Europe 98, Blvd St. Michel 15, B-1040 Brussels, Belgium *E-mail:* didier@associationhq.com

● **Sept 9-10 5th Ann Flat Panel Display Strategic and Technical Symp** Ypsilanti, MI *Contact:* R. Donofrio, Display Device Consultants, 6170 Plymouth Rd, Ann Arbor, MI 48105 *E-mail:* rldonofrio@aol.com ★

Sept 9-12 7th Eur Magnetic Materials and Applications Conf (EMMA 98) Zaragoza, Spain *Contact:* Conf Secretariat, Dept de Física de la Materia Condensada and ICMA, Facultad de Ciencias, Univ de Zaragoza—CSIC, C/Pedro Cerbuna 12, 50009 Zaragoza, Spain *E-mail:* emma98@posta.unizar.es

Sept 10-15 Supramolecular Chem: Adv Materials Kerkrade, The Netherlands *Contact:* ESF

Sept 13-18 Applied Superconductivity Conf (ASC) Palm Desert, CA *Contact:* R. Scanlan, LBNL, 1 Cyclotron Rd, MS 46-161, Berkeley, CA 94720 *E-mail:* rmscanlan@lbl.gov ★

Sept 13-18 CLEO/Europe Glasgow, Scotland *Contact:* OSA

Sept 13-18 Eur Quantum Electronics Conf (EQEC 98) Glasgow, Scotland *Contact:* OSA

Sept 13-18 Intl Conf on Phys of Highly Charged Ions (9HCI) [IUPAP] Darmstadt, Germany *Contact:* P. H. Mokler, GSI Atomic Phys Div, PO Box 11 05 52, D-64220 Darmstadt, Germany *E-mail:* p.mokler@gsi.de

Sept 14-17 Intl Asia-Pacific Symp on Remote Sensing of the Atmosphere, Environment and Space Beijing, China *Contact:* SPIE

● **Sept 14-18 AVS Short Courses** Troutdale, OR *Contact:* AVS

● **Sept 14-19 Symp on Quarks in Hadrons and Nuclei** Oberwölz, Austria *Contact:* Organizing Committee of Quarks in Hadrons and Nuclei, Inst für Theoretische Phys, Karl-Franzens-Univ Graz, Universitätsplatz 5, A-8010 Graz, Austria *E-mail:* theor.physik@kfunigraz.ac.at ★

● **Sept 15-17 4th Intl Symp on Environmental Contamination in Central and Eastern Europe (Warsaw 98)** Warsaw, Poland *Contact:* Warsaw 98 Symp, Florida State Univ, 2035 E Paul Dirac Dr, 226 HMB, Tallahassee, FL 32310-3700 *E-mail:* warsaw98@mailers.fsu.edu ★

Sept 16-17 Intl Activated Carbon Conf Pittsburgh, PA *Contact:* B. Sherman, PACS Inc, 409 Meade Dr, Coraopolis, PA 15108 ★

Sept 16-19 Photonics China Beijing,

China *Contact:* SPIE

Sept 19-23 20th Intl Cong of Radiology New Delhi, India *Contact:* D. C. S. Aggarwal, Imaging Rsch Ctr, 10-B Kasturba Gandhi Marg, New Delhi 110001, India ★

● **Sept 20-23 Applications of Accelerator Tech (AccApp 98)** Gatlinburg, TN *Contact:* J. Haines, ORNL, Oak Ridge, TN 37831-8071 *E-mail:* hainesjr@ornl.gov ★

Sept 20-24 3rd Intl Symp on Biological Phys [IUPAP] Santa Fe, NM *Contact:* H. Frauenfelder, LANL, Los Alamos, NM 87545 *E-mail:* frauenfelder@lanl.gov ★

Sept 20-24 Symp and Education Prog on Micromachining and Microfabrication Santa Clara, CA *Contact:* SPIE

Sept 20-24 Symp and Education Prog on Microelectronic Manufacturing Santa Clara, CA *Contact:* SPIE

Sept 20-25 World Renewable Energy Cong Florence, Italy *Contact:* A. A. M. Sayigh, 147 Hilmanton, Lower Earley, Reading RG6 4HN, UK *E-mail:* asayigh@netcomuk.co.uk ★

Sept 21-25 IAEA 42nd General Conf Vienna, Austria *Contact:* IAEA

Sept 23-30 2nd GKSS Sch on Environmental Rsch Lauenburg (near Hamburg), Germany *Contact:* G. Flöser, GKSS Forschungszentrum, Max-Planck-Str. 21502 Geesthacht, Germany *E-mail:* floeser@gkss.de ★

Sept 28-Oct 1 Origin of Intelligent Life in the Universe Varenna, Italy *Contact:* E. Sindoni, ISPP, 16 Via Celoria, 20133 Milano, Italy *E-mail:* sindoni@alpha.disat.unimi.it

Sept 28-Oct 2 Phys at Turn of 21st Century St. Petersburg, Russia *Contact:* V. Grigor'yants, 26 Polytechnicheskaya, Ioffe Inst, St. Petersburg 194021, Russia *E-mail:* vgrig@eo.ioffe.rssi.ru ★

Sept 28-Oct 2 Sem on Strengthening Nuclear Safety, Radiation Protection and Waste Management Infrastructure in Eastern Europe and Former USSR Prague, Czech Republic *Contact:* IAEA

Sept 29-Oct 4 Quantum Optics: Atom Cooling and Guiding, Laser Spectroscopy and Squeezing Casellecchio Pascoli, Italy *Contact:* ESF

October 1998

Oct 3-7 Eur Radiation Rsch 98 Capri, Italy *Contact:* G. Grossi, Univ di Napoli "Federico II," Dipartimento di Sci Fische, Complesso Univ Monte Sant'Angelo, Via Cintia, I-80126 Napoli, Italy *E-mail:* esrb98@na.infn.it ★

Oct 3-8 Natural Waters and Water Tech: Catalytic Sci and Tech for Water Acquafredda di Maratea, Italy *Contact:* ESF

Oct 4-8 SoR 70th Ann Mtg Monterey, CA *Contact:* SoR

Oct 4-9 Interdisciplinary Laser Sci

Conf Baltimore, MD *Contact:* OSA

Oct 4-9 OSA Ann Mtg Baltimore, MD *Contact:* OSA

● **Oct 5-8 4th Ann Wksp on Monte Carlo Simulation of Radiotherapy Treatment Accelerators Using OMEGA/BEAM Code Sys** Ottawa, Canada *Contact:* B. Walters, Ionizing Radiation Standards, Natl Rsch Council of Canada, Ottawa K1A 0R6, Canada *E-mail:* bwalters@irs.phy.nrc.ca ★

Oct 5-9 19th World Conf of Intl Nuclear Target Development Soc (INTDS) Oak Ridge, TN *Contact:* W. S. Aaron, ORNL, PO Box 2009, Oak Ridge, TN 37831-8044 *E-mail:* wxa@ornl.gov

Oct 5-9 Intl Symp on Marine Pollution Monaco *Contact:* IAEA

Oct 5-10 16th IEEE Intl Semiconductor Laser Conf (ISLC 98) Nara, Japan *Contact:* IEEE/LEOS, 445 Hoes Lane, PO Box 1331, Piscataway, NJ 08855-1331 *E-mail:* e.vega@ieee.org ★

Oct 11-16 25th Ann Conf of Federation of Analytical Chem and Spectroscopy Soc Austin, TX *Contact:* FACSS, 1201 Don Diego Ave, Santa Fe, NM 87505 ★

Oct 11-16 6th Intl Conf on Nuclear Microprobe Tech (ICNMTA 98) Cape Town, South Africa *Contact:* G. Stone, Natl Accelerator Ctr, PO Box 72, Faure 7131, South Africa *E-mail:* icnmta98@nac.ac.za ★

● **Oct 12-14 French-Iberian Colloq on Rheology** Biarritz, France *Contact:* G. Marin, gerard.marin@univ-pau.fr *E-mail:* rheologie@univ-pau.fr ★

Oct 12-14 2nd Intl Conf on Detection of Abandoned Land Mines Edinburgh, Scotland *Contact:* MD98 Secretariat, Conf Services, Institution of Electrical Engineers, Savoy Pl, London WC2R 0BL, UK *E-mail:* md98@iee.org.uk ★

● **Oct 12-16 La Jolla Adv Topics Rsch Sch: Diamond Sci and Tech** La Jolla, CA *Contact:* V. Stefan, La Jolla Intl Sch of Phys, Inst for Adv Phys Studies, 7596 Eads Ave, La Jolla, CA 92038-2946 *E-mail:* diamond@stefan-university.edu ★ *Note revised title*

Oct 12-16 136th Mtg of ASA Norfolk, VA *Contact:* ASA

Oct 12-16 Intl Sem on Nuclear Power in Developing Countries: Potential Role and Strategies for Deployment Vienna, Austria *Contact:* IAEA

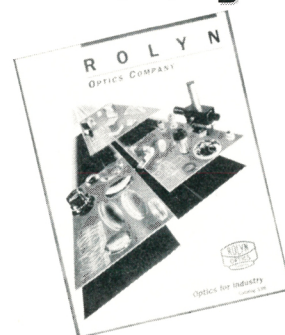
● **Oct 18-20 Electron Beam Melting and Refining: State of the Art** Reno, NV *Contact:* R. Bakish, Bakish Materials Corp, PO Box 148, Englewood, NJ 07631 *E-mail:* bakishmat@aol.com

Oct 18-23 8th Intl Conf on Megagauss Magnetic Field Generation and Related Topics Tallahassee, FL *Contact:* Y. Jensen, Natl High Magnetic Field Lab, 1800 E Paul Dirac Dr, Tallahassee, FL 32310 *E-mail:* megagauss@magnet.fsu.edu ★

Oct 18-24 17th IAEA Fusion Energy Conf Yokohama, Japan *Contact:* IAEA

Oct 19-22 Intl Conf on New Tech in Phys Education [IUPAP] Hefei, China

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Oct 19-23 Precision Thermometry Wksp Gaithersburg, MD Contact: A. Swiger, NIST, Bldg 221, Rm B128, Gaithersburg, MD 20899-0001 E-mail: andrea.swiger@nist.gov

● **Oct 19-24 Chapman Conf on Space-Based Radio Observations at Long Wavelengths** Paris, France Contact: R. Stone, Code 690, NASA Goddard Space Flight Ctr, Greenbelt, MD 20771 E-mail: stone@urap.gsfc.nasa.gov

● **Oct 21-23 12th Intl Vacuum Web Coating Conf** Reno, NV Contact: R. Bakish, Bakish Materials Corp, PO Box 148, Englewood, NJ 07631 E-mail: bakishmat@aol.com

● **Oct 23-24 TeV Astrophys of Extragalactic Sources** Cambridge, MA Contact: T. Weekes, Whipple Observatory, PO Box 97, Amado, AZ 85645-0097 E-mail: workshop@markarian.sao.arizona.edu

Oct 24-27 Physical Phenomena at High Magnetic Fields Tallahassee, FL Contact: M. Layne, Natl High Magnetic Field Lab, 1800 E Paul Dirac Dr, Tallahassee, FL 32310 E-mail: layne@magnet.fsu.edu ★

Oct 25-30 Rare Earths 98 Fremantle, Australia Contact: Materials Inst of Western Australia, 133 Salvado Rd, Wembley, Western Australia 6014 E-mail: re98@miwa.org.au ★

Oct 26-27 AIP Corporate Associates Mtg Malibu, CA Contact: Executive Director, AIP, 1 Physics Ellipse, College Park, MD 20740-3843 E-mail: assoc@aip.org ★

Oct 26-29 20th Space Simulation Conf: The Changing Testing Paradigm Annapolis, MD Contact: Inst of Environmental Sci and Tech, 940 E Northwest Hwy, Mt Prospect, IL 60056

November 1998

● **Nov 1-6 Intl Symp on Intelligent Sys and Adv Manufacturing** Boston, MA Contact: SPIE

● **Nov 1-6 Intl Symp on Industrial and Environmental Monitors and Biosensors** Boston, MA Contact: SPIE

Nov 1-6 Photonics East Boston, MA Contact: SPIE

Nov 2-5 3rd Intl Conf on Excitonic Processes in Condensed Matter (EXCON98) [IUPAP] Boston, MA Contact: W. M. Yen, Dept of Phys and Astron, Univ of Georgia, Athens, GA 30602-2451 E-mail: wyen@hal.physast.uga.edu ★

Nov 2-5 Intl Symp on Dosimetry for Radiation Processing and Therapy Vienna, Austria Contact: IAEA

Nov 2-6 2nd Wksp on Optoelectronic Materials and Applications (Including Solar Cells) Havana, Cuba Contact: M. Sanchez, Facultad de Fisica, Univ de la Habana, San Lazaro y L, Vedado, 10400 La Habana, Cuba E-mail: opto98@fmq.uh.edu.cu

Nov 2-6 45th Ann AVS Symp Baltimore, MD Contact: AVS

● **Nov 3-4 Managing the Modern Lab** Phoenix, AZ Contact: Analytical Lab Managers Assoc, 1201 Don Diego Ave, Santa Fe, NM 87505

● **Nov 4-6 The Analytical Lab: Current Practices and Future Possibilities** Phoenix, AZ Contact: Analytical Lab Managers Assoc, 1201 Don Diego Ave, Santa Fe, NM 87505

Nov 4-7 15th Intl Conf on Application of Accelerators in Rsch and Industry Denton, TX Contact: J. L. Duggan, Univ of North Texas, Dept of Phys, PO Box 305370, Denton, TX 76203 E-mail: stippec@unt.edu

Nov 7-13 Supercomputing 98 (SC98) Orlando, FL Contact: SC98, NPACI, Univ of California, San Diego, 10100 Hopkins Dr, La Jolla, CA 92093 E-mail: sc98@mail.supercomp.org ★

Nov 8-14 Nuclear Sci Symp and Med Imaging Conf Toronto, Canada Contact: C. Woody, Bldg 510C, Phys Dept, BNL, Upton, NY 11973 E-mail: woody@bnl.gov ★

Nov 9-12 43rd Conf on Magnetism and Magnetic Materials Miami, FL Contact: J. Bennett, AIP, 500 Sunnyside Blvd, Woodbury, NY 11797 E-mail: jbennett@aip.org

Nov 9-13 8th Intl Symp on Slow Dynamics in Complex Sys Fukuoka, Japan Contact: M. Tokuyama, Statistical Phys Div, Tohwa Inst for Sci, Tohwa Univ, Fukuoka 815, Japan ★

Nov 9-13 Intl Symp on Storage of Spent Fuel from Power Reactors Vienna, Austria Contact: IAEA

Nov 12-15 6th Foresight Conf on Molecular Nanotech Santa Clara, CA Contact: Foresight Inst, PO Box 61058, Palo Alto, CA 94306 E-mail: inform@foresight.org ★

Nov 15-20 Eastern Analytical Symp Somerset, NJ Contact: Eastern Analytical Symp, PO Box 633, Montchanin, DE 19710-0633 E-mail: easinfo@aol.com

Nov 16-18 27th Intl Cong on Noise Control Eng (Inter-Noise 98) Christchurch, New Zealand Contact: Inter-Noise 98 Secretary, MDA, PO Box 1181, Auckland, New Zealand E-mail: internoise98@auckland.ac.nz

Nov 16-20 Mtg of APS Div of Plasma Phys New Orleans, LA Contact: APS

● **Nov 22-28 Intl Training Wksp on Solid State Ionics** Varanasi, India Contact: S. Chandra, Phys Dept, Banaras Hindu Univ, Varanasi 221 005, India E-mail: assis98@banaras.ernet.in

Nov 23-28 11th Intl Conf on Hyperfine Interactions [IUPAP] Durban, South Africa Contact: K. Baruth-Ram, Univ of Durban-Westville, P/Bag X54001, Durban 4000, South Africa E-mail: kbr@pixie.udw.ac.za

● **Nov 29-Dec 4 6th Asian Conf on Solid State Ionics** Suraj Kund (near New Delhi), India Contact: S. Chandra, Phys Dept, Banaras Hindu Univ, Varanasi 221 005, India E-mail: assis98@banaras.ernet.in

Nov 30-Dec 4 Intl Sem on Safe-

guards Information Reporting and Processing Vienna, Austria Contact: IAEA

Nov 30-Dec 4 Intl Symp on Trends in Design and Tech Development for Evolutionary Water Cooled Reactors Seoul, South Korea Contact: IAEA

Nov 30-Dec 4 MRS Fall Mtg Boston, MA Contact: MRS

● **Nov 30-Dec 5 Neural Information Processing Sys: Natural and Synthetic (NIPS 98)** Denver, CO Contact: NIPS Foundation, Computational Neurobio Lab, Salk Inst for Biological Studies, 10010 N Torrey Pines Rd, La Jolla, CA 92037 E-mail: nipsinfo@salk.edu ★

December 1998

Dec 3-5 Semiconductor Interface Specialists Conf San Diego, CA Contact: D. Fleetwood, Sandia Natl Labs, PO Box 5800, Albuquerque, NM 87185-1083 E-mail: dmfleet@sandia.gov

● **Dec 6-9 IEEE Intl Electron Devices Mtg** San Francisco, CA Contact: IEDM Conf Office, 101 Lakeforest Blvd, Ste 270, Gaithersburg, MD 20877 E-mail: pwmahoney@aol.com ★

Dec 6-10 AGU Fall Meeting San Francisco, CA Contact: AGU

● **Dec 7-11 21st Intl Conf on Lasers (Lasers 98)** Tucson, AZ Contact: Soc for Opt and Quantum Electronics, PO Box 245, McLean, VA 22101

Dec 12-17 2nd Intl Non-Renewable Energy Sources Cong Kish Island, Iran Contact: UIC Thermodynamics Rsch Lab, Univ of Illinois, 810 S Clinton St, Chicago, IL 60607-7000 E-mail: u10215@uicvm.uic.edu ★

Dec 14-14 19th Texas Symp on Relativistic Astrophys [IUPAP] Paris, France Contact: T. Montmerle, DAPNIA/SAP Ctr d'Etudes de Saclay, 91191 Gif sur Yvette, France E-mail: montmerle@cea.fr

January 1999

● **Jan 4-10 13th Nordic Mtg on Intermediate and High-Energy Nuclear Phys** Gräftavallen (near Osterson), Sweden Contact: K. Wilhelmson Rolander, Fysikum, Stockholm Univ, Box 6730, S-113 85 Stockholm, Sweden E-mail: wilhelmson@physto.se ★

Jan 5-9 193rd Mtg of AAS Austin, TX Contact: AAS

Jan 9-14 AAPT Winter Mtg Anaheim, CA Contact: AAPT

● **Jan 23-29 Intl Symp on High-Power Lasers and Applications (LASE 99)** San Jose, CA Contact: SPIE

February 1999

● **Feb 1-5 The Chaotic Universe** Rome, Italy Contact: V. G. Gurzadyan, ICRA, Dept of Phys, Univ of Rome La Sapienza, I-00185 Rome, Italy E-mail: gurzadya@icra.it

Feb 6-12 Photonics West San Jose, CA Contact: SPIE

Feb 21-26 Intl Conf on Integrated Optics and Opt Fiber Communication (OFC/IOFEC 99) San Diego, CA
Contact: OSA

Feb 21-26 Med Imaging San Diego, CA
Contact: SPIE

March 1999

- **Mar 8-11 Intl Laser Safety Conf (ILSC 99)** Orlando, FL
Contact: Laser Inst of America, 12424 Rsch Pkwy, Ste 125, Orlando, FL 32826
E-mail: lia@laserinstitute.org ★

Mar 14-19 Microlithography Santa Clara, CA
Contact: SPIE

Mar 14-19 Smart Structures and Materials San Diego, CA
Contact: SPIE

Mar 15-19 137th Mtg of ASA Berlin, Germany
Contact: ASA

Mar 22-26 APS Centennial Mtg Atlanta, GA
Contact: APS

Mar 29-Apr 2 Particle Accelerator Conf New York, NY
Contact: W.-T. Weng, BNL, AGS Div, Bldg 911-B, Upton, NY 11973-5000
E-mail: weng@bnl.gov

April 1999

Apr 5-9 MRS Spring Mtg San Francisco, CA
Contact: MRS

May 1999

May 23-28 Conf on Lasers and Electro-Optics (CLEO 99) Baltimore, MD
Contact: OSA

May 23-28 Quantum Electronics and Laser Sci Conf (QELS 99) Baltimore, MD
Contact: OSA

May 30-June 3 194th Mtg of AAS Chicago, IL
Contact: AAS

June 1999

June 21-23 Conf on Plasma Sci Monterey, CA
Contact: C. Deeney, Sandia Natl Labs, MS 1194, PO Box 5800, Albuquerque, NM 87185-1194
E-mail: cdeeney@sandia.gov

June 27-30 Pulsed Power Conf Monterey, CA
Contact: C. Stallings, Phys Intl, 2700 Merced St, San Leandro, CA 94577
E-mail: chstallings@corp.olin.com

July 1999

July 1-7 111th Ann Mtg of Astronomical Soc of the Pacific Toronto, Canada
Contact: Astronomical Soc of the Pacific, 390 Ashton Ave, San Francisco, CA 94112
E-mail: lkeechler@aspsky.org

July 4-7 Amateur-Professional Partnership in Astronomical Rsch and Education Toronto, Canada
Contact: J. R. Percy, Erindale Campus, Univ of Toronto, Mississauga, Ontario L5L 1C6, Canada
E-mail: jpercy@erin.utoronto.ca

July 12-16 24th Intl Conf on Phenomena in Ionized Gases (ICPIG XXIV) Warsaw, Poland
Contact: J. Wolowski, Inst of Plasma Phys and Laser Microfusion, 23 Hery St, PO Box 49, 00-908 Warsaw, Poland

E-mail: icpig99@ifpilm.waw.pl ★

July 18-23 SPIE Ann Mtg Denver, CO
Contact: SPIE

July 25-29 Ann Mtg of AAPM Nashville, TN
Contact: AAPM

July 26-30 6th Intl Conf on Structure of Surfaces (ICSOS-6) Vancouver, Canada
Contact: K. A. R. Mitchell, Dept of Chem, Univ of British Columbia, Vancouver, BC V6T 1Z1, Canada

August 1999

Aug 2-7 AAPT Summer Mtg San Antonio, TX
Contact: AAPT

Aug 4-11 22nd Intl Conf on Low Temperature Phys (LT22) Espoo and Helsinki, Finland
Contact: M. Paalanen, Low Temperature Lab, Helsinki Univ of Tech, PO Box 2200, FIN-02015 HUT, Finland
E-mail: lt22@boojum.hut.fi ★

Aug 4-13 18th IUCr Cong and General Assembly Glasgow, Scotland
Contact: G. Houston, Northern Networking, Cong Central Office, Bellway House, 813 South St, Glasgow G14 0BX, Scotland
E-mail: crystal@glasconf.demon.co.uk ★

Aug 8-20 Intl Sum Sch on Particle Production Spanning MeV and TeV Energies (Nijmegen99) Nijmegen, The Netherlands
Contact: S. van der Kolk, Dept Phys and Astron, Vrije Univ, de Boelelaan 1081, NL-1081 HV Amsterdam, The Netherlands
E-mail: nijmegen99@nat.vu.nl ★

- **Aug 23-27 18th Intl Conf on X-Ray and Inner-Shell Processes (X-99)** Chicago, IL
Contact: X-99 Conf Office, Phys Div, Argonne Natl Lab, Bldg 203, Rm G-122, 9700 S Cass Ave, Argonne, IL 60439-4843
E-mail: x99@anl.gov ★

- **Aug 23-27 Intl Conf on Luminescence and Opt Spectroscopy of Condensed Matter (ICL 99)** Osaka, Japan
Contact: T. Kushida, Graduate Sch of Materials Sci, Nara Inst of Sci and Tech, Ikoma, Nara 630-0101, Japan
E-mail: icl99off@ms.aist-nara.ac.jp ★

- **Aug 29-Sept 2 8th Eur Conf on Spectroscopy of Biological Molecules (ECSBM 99)** Enschede, The Netherlands
Contact: ECSBM99 Conf Secretariat, CAT, J. A. Spierenburg, Univ of Twente, PO Box 217, 7500 AE Enschede, The Netherlands
E-mail: j.a.spierenburg@basics.utwente.nl ★

Aug 30-Sept 3 8th Intl Conf on Muon Spin Rotation, Relaxation and Resonance Les Diablerets, Switzerland
Contact: G. Solt, Paul Scherrer Inst, CH-5232 Villigen, Switzerland
E-mail: solt@psi.ch

September 1999

Sept 5-9 15th Eur Conf on Thermophysical Properties (ECTP) Würzburg, Germany
Contact: J. Fricke, Physikalisches Inst der Univ, Am Hubland, D-97074 Würzburg, Germany
E-mail: ectp@zae.uni-wuerzburg.de

- **Sept 11-15 4th Eur Physical Soc Conf on History of Phys: Volta and History of Electricity** Como and

Pavia, Italy
Contact: History of Phys Group, Dipartimento di Fisica A. Volta, Univ di Pavia, via A. Bassi 6, 27100 Pavia, Italy
E-mail: volta99@pv.infn.it ★

- **Sept 15-19 4th Intl History, Philosophy and Sci Teaching Conf and 8th Eur History and Phys Teaching Conf: Sci as Culture** Pavia and Como, Italy
Contact: History of Phys Group, Dipartimento di Fisica A. Volta, Univ di Pavia, via A. Bassi 6, 27100 Pavia, Italy
E-mail: volta99@pv.infn.it ★

- **Sept 18-23 6th Intl Mtg on Hole Burning and Related Spectroscopies: Sci and Applications (HBRS 99)** Hourtin, France
Contact: M. Orrit, HBRS99, CPMOH, Univ Bordeaux I, 33405 Talence Cedex, France
E-mail: secr@hbrs.u-bordeaux.fr

Sept 25-Oct 1 Interdisciplinary Laser Sci Conf (ILS-15) Santa Clara, CA
Contact: OSA

Sept 26-Oct 1 OSA Ann Mtg Santa Clara, CA
Contact: OSA

October 1999

Oct 11-15 Symp on Fusion Eng Albuquerque, NM
Contact: M. A. Ulrickson, MS 1129, Sandia Natl Labs, PO Box 5800, Albuquerque, NM 87185
E-mail: maulric@sandia.gov

Oct 17-21 SoR 71st Ann Mtg Madison, WI
Contact: SoR

Oct 18-22 46th Ann AVS Symp Seattle, WA
Contact: AVS

Oct 24-29 26th Ann Conf of Federation of Analytical Chem and Spectroscopy SoCs Vancouver, Canada
Contact: FACS, 1201 Don Diego Ave, Santa Fe, NM 87505 ★

Oct 26-30 Nuclear Sci Symp and Med Imaging Conf Seattle, WA
Contact: O. Nalcioglu, Rsch Imaging Ctr, Univ of California, Irvine, CA 92697-5020
E-mail: nalci@uci.edu

November 1999

- **Nov 15-18 44th Ann Conf on Magnetism and Magnetic Materials** San Jose, CA
Contact: J. Bennett, AIP, 500 Sunnyside Blvd, Woodbury, NY 11797-2999
E-mail: magnet@aip.org

Nov 21-23 52nd Mtg of APS Div of Fluid Dynamics New Orleans, LA
Contact: M. Gad-el-Hak, Dept of Aerospace and Mechanical Eng, Univ of Notre Dame, Notre Dame, IN 46556
E-mail: mohamed.gad-el-hak.1@nd.edu ★

Nov 29-Dec 3 MRS Fall Mtg Boston, MA
Contact: MRS

2000

Jan 11-15 195th Mtg of AAS Atlanta, GA
Contact: AAS

Mar 5-10 Opt Fiber Communication Conf (OFC 2000) Baltimore, MD
Contact: OSA

Mar 20-24 APS March Mtg Minneapolis, MN
Contact: APS

Apr 24-28 MRS Spring Mtg San Francisco, CA
Contact: MRS