

CALENDAR

November 1998

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

Nov 1-6 Intl Symp on Intelligent Sys and Adv Manufacturing 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 5-7 Making Connections: Natl Conf on Sci, Math and Tech Education** Brooklandville, MD *Contact:* Park Sch of Baltimore, Box 8200, Old Court Rd, Brooklandville, MD 21022-1491 *E-mail:* connections@parkce.org ★

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:* jrbennett@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 12-13 Analysis of Nucleic Acids by Mass Spectrometry** Columbia, MD *Contact:* J. Sjöberg, Amer Soc for Mass Spectrometry, 1201 Don Diego Ave, Santa Fe, NM 87505 *E-mail:* asms@asms.org

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 15-19 Spallation Neutron Sources for Materials Sci** Washington, DC *Contact:* E. Iverson, Argonne Natl Lab, 9700 S Cass Ave, Argonne, IL 60439-4814 *E-mail:* eiverson@anl.gov

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	LBL	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		

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● **Nov 15-20 Applying Molecular Modeling and Computational Chem** Miami Beach, FL *Contact:* P. Westmoreland, Univ of Massachusetts, Chemical Eng Dept, Amherst, MA 01003 *E-mail:* west@ecs.umass.edu

● **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 16-19 Intl Cong on Applications of Lasers and Electro-Optics (ICALEO 98)** Orlando, FL *Contact:* Laser Inst of Amer, 1424 Rsch Pkwy, Ste 125, Orlando, FL 32826 *E-mail:* lia@laserinstitute.org ★

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

● **Nov 16-27 8th Latin Amer Wksp on Plasma Phys** Tandil, Argentina *Contact:* L. Elisondo, CRECIC, Pinto 399, 7000 Tandil, Argentina *E-mail:* lawpp98@tinfin.lfp.uba.ar ★

● **Nov 19-21 Phys at Run II: Supersymmetry/Higgs Wksp** Batavia, IL *Contact:* C. Sazama, MS 122, Fermi Natl Accelerator Lab, PO Box 500, Batavia, IL 60510 *E-mail:* sazama@fnal.gov ★

● **Nov 22-24 51st Mtg of APS Div of Fluid Dynamics** Philadelphia, PA *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 Safeguards 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 9-12 Intl Conf on Optics and Optoelectronics** Dehra Dun, India *Contact:* O. Nijhawan, Instruments R&D Establishment, Dehra Dun, India

● **Dec 9-12 Neutrons and Numerical Methods** Grenoble, France *Contact:* B. Aubert, Inst Laue-Langevin, BP 156, F-38042 Grenoble Cedex 9, France

● **Dec 9-12 Symp on Electron Crystallography of Biological Macromolecules** Lake Tahoe, CA *Contact:* M. Perez, Biochem Dept, Rm 355A, Baylor College of Medicine, 1 Baylor Plaza, Houston, TX 77030-3498 *E-mail:* mperez@bcm.tmc.edu ★

● **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 Astrophysics [IUPAP]** Paris, France *Contact:* T. Montmerle, DAPNIA/Sap Ctr d'Etudes de Saclay, 91191 Gif sur Yvette, France *E-mail:* montmerle@cea.fr

● **Dec 14-16 Conf on Optoelectronic and Microelectronic Materials and Devices (COMMAD 98)** Perth, Australia *Contact:* COMMAD 98, Microelectronics Rsch Group, Dept of Electrical and Electronic Eng, Univ of Western Australia, Nedlands, Perth WA 6907, Australia *E-mail:* commad98@ee.uwa.edu.au ★

● **Dec 14-17 Intl Symp on Phys of Hadrons and Nuclei** Tokyo, Japan *Contact:* O. Morimatsu, High Energy Accelerator Rsch Organization (KEK) Tanashi Branch, 3-2-1 Midori-cho Tanashi, Tokyo 188, Japan *E-mail:* osamu.morimatsu@kek.jp ★

● **Dec 14-18 Intl Conf on Fiber Optics and Photonics** New Delhi, India *Contact:* A. Sharma, Phys Dept, Indian Inst of Tech, Delhi, New Delhi 110 016, India

● **Dec 15-18 Intl Photonics Conf (IPC 98)** Taipei, Taiwan *Contact:* IPC 98, College of Electrical Eng, Natl Taiwan Univ, 1 Roosevelt Rd, Sec. 4, Taipei, Taiwan *E-mail:* ipc98@cc.ee.ntu.edu.tw ★

January 1999

● **Jan 3-12 16th Jerusalem Winter Sch**

in Theor Phys: Concepts and Trends in Condensed Matter Phys Givat Ram, Israel *Contact:* Jerusalem Winter Sch, Inst for Adv Studies, Hebrew Univ of Jerusalem, Givat Ram 91904, Israel *E-mail:* advanc@vms.huji.ac.il ★

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

● **Jan 5-8 22nd Nuclear Phys Symp** Oaxtepec, Morelos, Mexico *Contact:* E. Hernandez, Inst de Fisica de la UNAM, Apartado Postal 20-364, 01000 Mexico D.F., Mexico *E-mail:* enriqueta@ft.ifisicacu.unam.mx ★

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

● **Jan 6-8 Mtg of APS Div of Particles and Fields** Los Angeles, CA *Contact:* APS

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

● **Jan 11-15 Chapman Conf on Magnetospheric Current Sys** Kona, HI *Contact:* AGU

● **Jan 22-29 Intl Biomed Optics Symp (BIOS 99)** San Jose, CA *Contact:* SPIE

● **Jan 23-26 11th Sanibel Conf on Mass Spectrometry: Mass Spectrometry in Clinical Diagnosis of Disease** Sanibel Island, FL *Contact:* J. Sjöberg, Amer Soc for Mass Spectrometry, 1201 Don Diego Ave, Santa Fe, NM 87505 *E-mail:* asms@asms.org

● **Jan 23-29 Intl Symp on Integrated Optoelectronic Devices (Optoelectronics 99)** San Jose, California *Contact:* SPIE

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

● **Jan 23-Feb 4 IPM Sch on Cosmology: Large Scale Structure Formation** Babolsar, Iran *Contact:* Mrs. Davarpanah, Mazandaran Univ, Babolsar, Iran *E-mail:* ipmssf@network2.ipm.ac.ir ★

● **Jan 24-27 13th Intl Forum: Process Analytical Chem** San Antonio, TX *Contact:* R. Zutkus, InfoSci Services Inc, Conf Div, 3000 Dundee Rd, Ste 409, Northbrook, IL 60062 *E-mail:* infoscience@ais.net ★

● **Jan 24-29 23rd Conf on Composites, Adv Ceramics, Materials and Structures** Cocoa Beach, FL *Contact:* Amer Ceramic Soc, PO Box 6136, Westerville, OH 43086-6136 *E-mail:* customersrv@acers.org ★

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 16-24 27th ITEP Winter Sch of Phys** Moscow, Russia *Contact:* Inst of Theor and Exper Phys, B. Chermushkinskaya ul. 25, Moscow 117259, Russia *E-mail:* itepws99@itep.ru ★

● **Feb 16-26 ESF Network Wksp and Winter Sch: Topological Defects and Non-Equilibrium Dynamics of Symmetry Breaking Phase Transitions** Les Houches, France *Contact:* Centre de Phys des Houches, 74310 Les Houches, France *E-mail:* lh99@defect.unige.ch ★

● **Feb 18-19 4th Intl Acoustic Micro Imaging Symp (IAMIS)** San Diego, CA *Contact:* Sonoscan, 530 E Green St, Bensenville, IL 60106 *E-mail:* info@sonoscan.com

● **Feb 20-26 Intl Symp on Med Imaging** San Diego, CA *Contact:* SPIE *Note revised date*

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

● **Feb 25-Mar 5 Adv Sch of ITEP on Particle Theory (ASIPT 99)** Moscow, Russia *Contact:* Inst of Theor and Exper Phys, B. Chermushkinskaya 25, Moscow 117259, Russia *E-mail:* asipt-99@itep.ru ★

● **Feb 28-Mar 5 40th ENC on Exper Nuclear Magnetic Resonance** Orlando, FL *Contact:* J. Sjöberg, ENC, 1201 Don Diego Ave, Santa Fe, NM 87505 *E-mail:* enc@enc-conference.org

March 1999

● **Mar 7-10 11th Intl Symp on Integrated Ferroelectrics** Colorado Springs, CO *Contact:* K. Baugh, Univ of Colorado, 1867 Austin Bluffs Pkwy, Ste 202, Colorado Springs, CO 80933-7150 *E-mail:* isif@mail.uccs.edu

● **Mar 8-10 Eur Wksp: Materials for Adv Metallization (MAM 99)** Ostend, Belgium *Contact:* K. Maex, Timshel Conf, Roeselveld 7, B-3020 Leuven-Herent, Belgium *E-mail:* mam@imec.be ★

● **Mar 8-11 Higgs and Supersymmetry: Search and Discovery** Gainesville, FL *Contact:* P. Ramond, Phys Dept, Univ of Florida, Gainesville, FL 32611 *E-mail:* ramond@phys.ufl.edu ★

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 8-12 3rd Symp on Current Trends in Intl Fusion Rsch** Washington, DC *Contact:* R. Kirkpatrick, MS B229, LANL, Los Alamos, NM 87544 *E-mail:* rck@rt66.com ★

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

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

● **Mar 15-19 30th Lunar and Planetary Sci Conf** Houston, TX *Contact:* L. Simmons, LPI Publications and Prog Services Dept, 3600 Bay Area

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

● **Mar 20-26 Mtg of APS Div of Atomic, Molecular and Opt Phys** Atlanta, GA *Contact:* APS

● **Mar 20-26 APS Centennial Mtg** Atlanta, GA *Contact:* APS *Note revised date*

● **Mar 22-25 11th Intl Conf on Microscopy of Semiconducting Materials** Oxford, UK *Contact:* A. Cullis, Dept of Electronic and Electrical Eng, Univ of Sheffield, Mappin St, Sheffield S1 3JD, UK *E-mail:* a.g.cullis@sheffield.ac.uk ★

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

● **Apr 6-9 17th Adv Beam Dynamics Wksp on Future Light Sources** Argonne, IL *Contact:* Argonne Natl Lab, 9700 S Cass Ave, Argonne, IL 60439 *E-mail:* flsworkshop@aps.anl.gov ★

● **Apr 11-13 13th Topical Conf on Applications of Radio Frequency Power Plasmas** Annapolis, MD *Contact:* S. Bernabei, Princeton Plasma Phys Lab, PO Box 451, Princeton, NJ 08543 *E-mail:* sbernabei@pppl.gov

● **Apr 12-16 26th Intl Conf on Metallurgical Coatings and Thin Films (ICMCTF 99)** San Diego, CA *Contact:* AVS

● **Apr 13-16 13th Intl Conf on Opt Fiber Sensors (OFS-13)** Kyongju, South Korea *Contact:* OFS-13 Secretariat, Dept of Phys, KAIST, 373-1 Kusong-dong, Yusong-gu, Taejon 305-701, South Korea *E-mail:* ejsohn@cais.kaist.ac.kr

● **Apr 19-22 5th Intl Symp on In Situ and On-Site Bioremediation** San Diego, CA *Contact:* Bioremediation Symp Registrar, The Conf Group, 1989 W 5th Ave, Ste 5, Columbus, OH 43212-1912 *E-mail:* conferencegroup@compuserve.com

● **Apr 19-22 Chapman Conf on Atmospheric Sci across the Stratopause** Annapolis, MD *Contact:* AGU

● **Apr 25-28 101st Amer Ceramic Soc Ann Mtg** Indianapolis, IN *Contact:* Amer Ceramic Soc, PO Box 6136, Westerville, OH 43086-6136 *E-mail:* customersrvc@acers.org ★

May 1999

● **May 9-14 8th Intl Symp on Passivity of Metals and Semiconductors** Jasper, Alberta, Canada *Contact:* M. Ives, McMaster Univ, Hamilton, Ontario, Canada *E-mail:* ives@mcmaster.ca ★

● **May 12-23 Crystal Eng: From Molecules and Crystals to Materials** Erice, Italy *Contact:* D. Braga, Dept of

Chem G. Ciamician, Univ of Bologna, Via F. Selmi 2, 40126 Bologna, Italy *E-mail:* dbraga@ciam.unibo.it ★

● **May 12-23 Data Mining in Crystallography** Erice, Italy *Contact:* S. Fortier, Mackintosh-Corry Hall, F407, Queens Univ, Kingston, Ontario K7L 3N6, Canada

● **May 16-20 9th Biennial Wksp on Organometallic Vapor Phase Epitaxy** Ponte Vedra Beach, FL *Contact:* M. Karl, TMS, 420 Commonwealth Dr, Warrendale, PA 15086-7514 *E-mail:* karl@tms.org

● **May 17-21 Nanomeeting 99** Minsk, Belarus *Contact:* V. Borisenko, Belarusian State Univ of Informatics and Radioelectronics, P. Browka 6, 220600 Minsk, Belarus *E-mail:* borisenko@cit.org.by ★

● **May 22-27 ACA Ann Mtg** Buffalo, NY *Contact:* ACA

May 23-28 Conf on Lasers and Electro-Optics (CLEO 99) and 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 1-4 AGU Spring Mtg** Boston, MA *Contact:* AGU

● **June 3-5 50 Years of the Nuclear Shell Model** Heidelberg, Germany *Contact:* J. Hüfner, Inst for Theor Phys, Univ of Heidelberg, Philosophenweg 19, D-69120 Heidelberg, Germany *E-mail:* joerg.huefner@urz.uni-heidelberg.de ★

● **June 10-13 6th Intl Symp on Metallomesogens** Rotenburg an der Fulda, Germany *Contact:* M. Athanassopoulou, Condensed Matter Rsch Group, Inst of Physical Chem, Darmstadt Univ of Tech, Petersenstrasse 20, D-64287 Darmstadt, Germany *E-mail:* ismm@hrzpub.tu-darmstadt.de ★

● **June 10-16 15th Intl Conf on Particles and Nuclei (PANIC 99)** Uppsala, Sweden *Contact:* PANIC 99, Dept of Radiation Sci, Box 535, S-751 21, Uppsala, Sweden *E-mail:* panic99@tsl.uu.se ★

● **June 13-18 47th Conf on Mass Spectrometry and Allied Topics** Dallas, TX *Contact:* J. Sjoberg, Amer Soc for Mass Spectrometry, 1201 Don Diego Ave, Santa Fe, NM 87505 *E-mail:* asms@asms.org

● **June 13-18 Gordon Rsch Conf on Nuclear Chem** New London, NH *Contact:* I-Yang Lee, Nuclear Sci Div, LBNL, Berkeley, CA 94720 *E-mail:* iylee@lbl.gov ★

● **June 17-20 6 Projects in Math and Phys** Berlin, Germany *Contact:* G. Lang, Technische Univ Berlin, Fachbereich 3/Mathematik, Sekr. MA 7-2, Strasse des 17. Juni 136, 10623 Berlin, Germany *E-mail:* lang@math.tu-berlin.de

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:* cdeene@sandia.gov

● **June 23-26 Intl Wksp on Lorentz Group, CPT and Neutrinos** Zacatecas, Mexico *Contact:* V. Dvoeglazov, Escuela de Física, Univ Autónoma de Zacatecas, Apartado Postal C-580, Zacatecas, ZAC 98068, Mexico *E-mail:* valeri@cantera.reduaz.mx ★

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

● **June 27-July 2 Shock Compression of Condensed Matter (SCC99)** Snowbird, UT *Contact:* APS

● **June 28-July 2 9th Intl Symp on Nondestructive Characterization of Materials** Sydney, Australia *Contact:* D. Manley, Ctr for Nondestructive Evaluation, 102 Maryland Hall, Johns Hopkins Univ, Baltimore, MD 21218 *E-mail:* cnde@jhu.edu ★

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 3-7 4th Liquid Matter Conf** Granada, Spain *Contact:* R. Alvarez, Dept de Física Aplicada, Facultad de Ciencias, Univ de Granada, Campus de Fuentenueva, E-18071 Granada, Spain *E-mail:* liquid99@ugr.es ★

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 11-16 24th Intl Conf on Phenomena in Ionized Gases (ICPIG)** 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@ifilm.waw.pl ★ *Note revised date and Web address*

● **July 12-16 Cryogenic Eng and Intl Cryogenic Materials Conf** Montreal, Canada *Contact:* A. Zeller, NSCL Michigan State Univ, East Lansing, MI 48823 *E-mail:* zeller@nscl.msu.edu ★

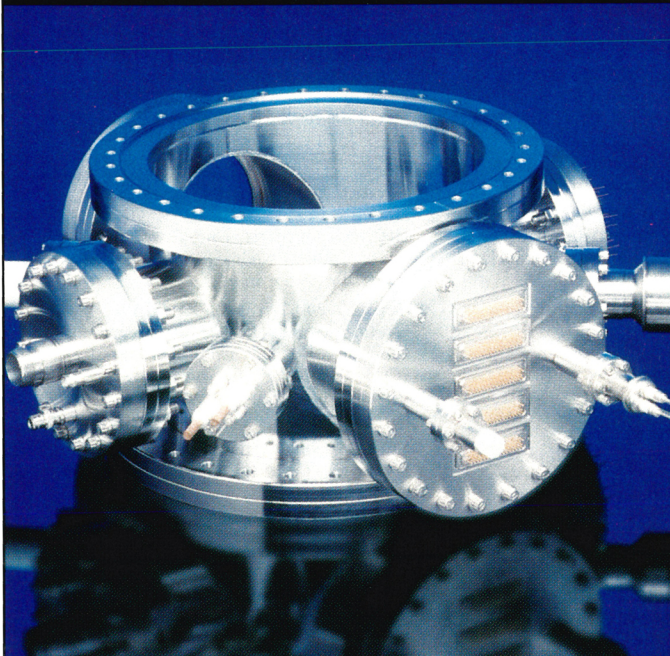
● **July 15-21 Intl Europhys Conf on High-Energy Phys** Tampere, Finland *Contact:* EPS-HEP99, Dept of Phys, Box 9, Univ of Helsinki, FIN-00014, Finland *E-mail:* hep99@helsinki.fi

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

● **July 19-23 11th Intl Conf on Nonequilibrium Carrier Dynamics (Hot Carriers) in Semiconductors (HCIS-11)** Kyoto, Japan *Contact:* N. Sawaki, Nagoya Univ, Nagoya 464-8603, Japan *E-mail:* sawaki@nuee.nagoya-u.ac.jp ★

● **July 19-23 Radiation Effects in Insulators (REI-10)** Jena, Thuringia,

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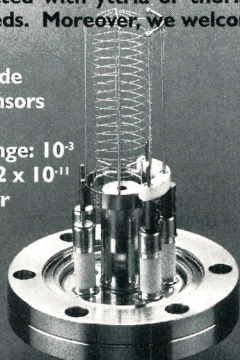
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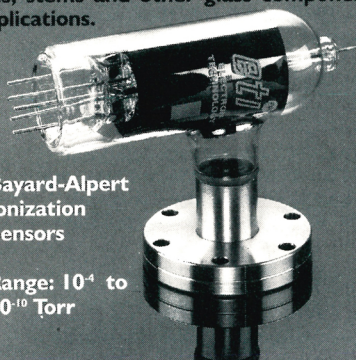
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Germany *Contact:* U. Bornkessel, REI-10, Friedrich-Schiller-Univ Jena, Inst für Festkörperphysik, Max-Wien-Platz 1, D-07743 Jena, Germany *E-mail:* bornkessel@pinet.uni-jena.de

● **July 22-27 21st Intl Conf on Phys of Electronic and Atomic Collisions**

Sendai, Japan *Contact:* M. Matsuzawa, Applied Phys and Chem, Univ of Electro-Communications, Tokyo 182-8585, Japan *E-mail:* michio@pc.uec.ac.jp ★

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. Mitchell, Dept of Chem, Univ of British Columbia, Vancouver, BC V6T 1Z1, Canada *E-mail:* karm@chem.ubc.ca ★ *Note new e-mail and Web addresses*

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 8-15 4th Intl Wksp on Strong Microwaves in Plasmas (SMP-4)** Nizhny Novgorod, Russia *Contact:* A. Vikharev, Inst of Applied Phys, 46 Ulyanov Str, Nizhny Novgorod 603600, Russia *E-mail:* val@appl.sci-nnov.ru

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 16-21 Gravitation Frontiers: Symp on Exper Gravitation** Samarkand, Uzbekistan *Contact:* M. Karim, Dept of Phys, St. John Fisher College, Rochester, NY 14618 *E-mail:* exgrav@sjfc.edu

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 29-Sept 3 7th Intl Conf on Ferroelectric Liquid Crystals (FLC 99)** Darmstadt, Germany *Contact:* W. Haase, Inst of Physical Chem, Darmstadt Univ of Tech, Petersenstrasse 20, D-64287 Darmstadt, Germany *E-mail:* flc99@tu-darmstadt.de ★

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 1-3 Faraday Discussion 114: Surface Sci of Metal Oxides** Ambleside, UK *Contact:* G. Thornton, Dept of Chem, Univ of Manchester, Manchester M13 9PL, UK *E-mail:* chris@ssci.liv.ac.uk ★

● **Sept 1-4 Intl Symp on Nonlinear Acoustics** Goettingen, Germany *Contact:* ISNA-15, 3 Phys Inst, Univ Goettingen, Buergerstr 42-44, D-37073 Goettingen, Germany *E-mail:* isna@dpi.physik.uni-goettingen.de ★

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 6-10 8th Intl Conf on Ion Sources (ICIS 99)** Kyoto, Japan *Contact:* J. Ishikawa, Dept of Electronic Sci and Eng, Kyoto Univ, Yoshida-honmachi, Sakyo-ku, Kyoto 606-8501, Japan *E-mail:* icis99@mvtpc3.kuee.kyoto-u.ac.jp ★

● **Sept 10-15 10th Intl Conf on Recent Progress in Many-Body Theories** Seattle, WA *Contact:* A. Bulgac, Dept of Phys, Univ of Washington, PO Box 351560, Seattle, WA 98195-1560 *E-mail:* mbx@phy.washington.edu ★

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 12-16 4th Intl Conf on Nuclear Phys at Storage Rings (STORI99)** Bloomington, IN *Contact:* J. Meadows, Indiana Univ Cyclotron Facility, 2401 Milo B. Sampson Lane, Bloomington, IN 47408 *E-mail:* stori99@iucf.indiana.edu

● **Sept 12-17 10th Intl Symp on Reactor** Osaka, Japan *Contact:* D. Vehar, Sandia Natl Labs, MS-1142, PO Box 5800, Albuquerque, NM 87185-1142 *E-mail:* dwvehar@sandia.gov

● **Sept 14-18 3rd Mtg on Constrained Dynamics and Quantum Gravity** Villasimius (Sardinia), Italy *Contact:* V.

de Alfaro, Dipt di Fisica Teorica, Univ di Torino, Via P. Giuria 1, I-10125 Torino, Italy *E-mail:* qg99@to.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 (HBR99) Hourtin, France *Contact:* M. Orrit, HBR99, CPMOH, Univ Bordeaux I, 33405 Talence Cedex, France *E-mail:* secr@hbrs.u-bordeaux.fr

● **Sept 20-24 7th Intl Conf on Quasicrystals (ICQ7)** Stuttgart, Germany *Contact:* Conf Secretariat, ICQ7, Inst für Theor und Angewandte Phys, D-70550 Stuttgart, Germany *E-mail:* icq7@itap.physik.uni-stuttgart.de ★

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 24-26 AIP Corporate Associates Mtg** Annandale, NJ *Contact:* Executive Director, AIP, 1 Phys Ellipse, College Park, MD 20740-3843 *E-mail:* assoc@aip.org ★

Oct 24-29 26th Ann Conf of Federation of Analytical Chem and Spectroscopy Soc Vancouver, Canada *Contact:* FACSS, 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 1-5 138th Mtg of ASA** Columbus, OH *Contact:* ASA

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 ■