calendar

JUNE 1973

14–16 • □ AAPT □ Reno, Nev. *(A. A. Strassenburg, Drawer A-W, State Univ. of N. Y., Stony Brook, N. Y. 11790)*

JULY 1973

2–6 • **Solar Energy** □ INTERNATIONAL SOLAR ENERGY SOCIETY; MEDITERRANEAN COOPERATION FOR SOLAR ENERGY; FRENCH ASSN. FOR THE RESEARCH AND DEVELOPMENT OF SOLAR ENERGY □ Paris, France *(W. Klein, Smithsonian Radiation Biology Laboratory, 12441 Parklawn Dr, Rockville, Md. 20852)*

29–2 • □ AAPM □ San Diego, Calif. *(J. W. Hilbert, Dept. of Radiology, Univ. Hospital, 225 W. Dickinson St, San Diego, Calif. 92103)*

AUGUST 1973

22, 23 • **Photoelectric and Secondary Electron Emission** □ SPECIAL DEVICES GROUP OF ADVISORY GROUP ON ELECTRON DEVICES, UNIV. OF MINNESOTA □ Minneapolis, Minn. *(W. T. Peria, Electrical Engineering Dept., Univ. of Minn., Minneapolis, Minn. 55455)*

29–31 ♦ **Solid-State Devices** □ JAPAN SOCIETY OF APPLIED PHYSICS □ Tokyo, Japan *(Japan Society of Applied Physics, Kikai-Shinko Kaikan, 3-5-8, Shiba-koen, Minato-ku, Tokyo 105, Japan)*

SEPTEMBER 1973

3–5 • **Detection and Emission of Electromagnetic Radiation with Josephson Junctions** □ ORGANIZING COMMITTEE OF THE INTERNATIONAL CONFERENCE ON DETECTION AND EMISSION OF ELECTROMAGNETIC RADIATION WITH JOSEPHSON JUNCTIONS □ Perros-Guirec, France *(H. A. Combet, C.N.E.T., Departement PMT, 22301 Lannion, France)*

3–7 • **Chemical Thermodynamics and Physicochemical Techniques at High Temperatures** □ AUSTRIAN CHEMICO-PHYSICAL SOCIETY □ Baden-bei-Wien, Austria *(F. Kohler, Inst. of Physical Chemistry, Univ. of Vienna, Waehringerstrasse 42, A-1090 Vienna, Austria)*

10, 11 • **Turbulence in Liquids** □ UNIV. OF MISSOURI, ROLLA □ Rolla, Mo. *(J. L. Zakin, Dept. of Chemical Engineering, Univ. of Mo., Rolla, Mo. 65401)*

10–13 • **Quantum Electronics** □ IOP; INSTITUTION OF ELECTRICAL ENGINEERS □ Univ. of Manchester, UK *(Meetings Officer, IOP, 47 Belgrave Sq, London SW1X 8QX, UK)*

OCTOBER 1973

3–5 • **Amorphous Polymers** □ EPS □

This is a partial calendar comprising only notices received since last month. A complete calendar is published every third month; readers are referred to the last one, published in April, for a comprehensive listing of notices. For complete information concerning an entry, please consult the original PHYSICS TODAY reference (see code below) and the listed contact.

Abbreviations:

AAPM	American Association of Physicists in Medicine
AAPT	American Association of Physics Teachers
AAS	American Astronomical Society
ACA	American Crystallographic Association
APS	American Physical Society
ASA	Acoustical Society of America
OSA	Optical Society of America
SPS	Society of Physics Students
S of R	Society of Rheology
AEC	US Atomic Energy Commission
AIAA	American Institute of Aeronautics and Astronautics
ANS	American Nuclear Society
ASTM	American Society for Testing and Materials
AVS	American Vacuum Society
EPS	European Physical Society
IAEA	International Atomic Energy Agency
IEEE	Institute of Electrical and Electronics Engineers
IOP	The Institute of Physics
IUPAP	International Union of Pure and Applied Physics
NAS	National Academy of Sciences
NBS	National Bureau of Standards
NSF	National Science Foundation
ONR	Office of Naval Research
ORNL	Oak Ridge National Laboratory

Coding:
date subject □ HOST □ Location *(Contact)* [submission deadline] *Physics Today reference*
• new listing ♦ new or revised information

PARTIAL CALENDAR ONLY

See explanatory note at opening

Naples, Italy *(P. Corradini, Istituto Chimico, Università di Napoli, Via Mezzocannone 4, Naples, Italy)* [6/20/73]

7–13 • **Space Activity: Impact on Science and Technology** □ INTERNATIONAL ASTRONAUTICAL FEDERATION □ Baku, USSR *(Commission on Exploration and Use of Outer Space, USSR Academy of Sciences, ul. Vavilova 32, Moscow B-312, USSR)*

8–12 • **Experience from Operating Nuclear Power Plants** □ IAEA □ Vienna, Austria *(J. H. Kane, Special Asst. for Conferences, Office of Information Services, AEC, Washington, D. C. 20545)*

15–17 • **Aero-Acoustics** □ AIAA □ Seattle, Wash. *(H. T. Nagamatsu, General Electric Research and Development Center, P. O. Box 8, Schenectady, N. Y. 12302)*

16–19 • **Gaseous Electronics** □ APS □ Univ. of Wisconsin, Madison *(C. C. Lim, Physics Dept., Univ. of Wis., Madison, Wis. 53706)* [8/22/73]

24, 25 • **Auger Electron Spectroscopy—Materials Applications and Quantification** □ NATIONAL PHYSICAL LABORATORY; IOP □ National Physical Laboratory, Teddington, UK *(Meetings Officer, IOP, 47 Belgrave Sq, London SW1X 8QX, UK)* [7/24/73]

25–27 • **Theoretical Physics** □ VIRGINIA POLYTECHNIC INST. AND STATE UNIV. □ Blacksburg, Va. *(P. Zweifel, Physics Dept., Va. Polytechnic Inst. and State Univ., Blacksburg, Va. 24061)*

NOVEMBER 1973

15, 16 • **Electron Diffraction for the Investigation of Structure** □ IOP □ London, UK *(Meetings Officer, IOP, 47 Belgrave Sq, London SW1X 8QX, UK)* [9/1/73]

25–29 • □ AAPM–RADIOLOGICAL SOCIETY OF NORTH AMERICA □ Chicago, Ill. *(L. Lanzl, Argonne Cancer Research Hospital, Dept. of Radiology, 950 E. 59th St, Univ. of Chicago, Chicago, Ill. 60637)*

JANUARY 1974

2–4 • **Solid-State Physics** □ IOP □ Univ. of Manchester, UK *(Meetings Officer, IOP, 47 Belgrave Sq, London, SW1X 8QX, UK)*

9–11 • **Optics in Diagnostic Medicine** □

PARTIAL CALENDAR ONLY

See explanatory note at opening

OPTICAL SCIENCES CENTER AND DEPT. OF RADIOLOGY, COLLEGE OF MEDICINE, UNIV. OF ARIZ.; OSA ☐ Tucson, Ariz. *(OSA, 2100 Pennsylvania Ave, N. W., Washington, D. C. 20037)*

30–1 • **Aerospace Sciences** ☐ AIAA ☐ Washington, D. C. *(Chang-Lin Tien, Dept. of Mechanical Engineering, Univ. of Calif., Berkeley, Calif. 94702)* [7/30/73]

MARCH 1974

24–28 • **Liquids and Amorphous Materials** ☐ ACA ☐ Univ. of California, Berkeley *(E. Snider, ACA, 335 E. 45th St, New York, N. Y. 10017)*

APRIL 1974

5–9 • **French Physical Society–IOP Centenary Conference** ☐ FRENCH PHYSICAL SOCIETY; IOP ☐ St Helier, Jersey, Channel Islands *(Meetings Officer, IOP, 47 Belgrave Sq, London SW1X 8QX, UK)*

22–26 • **Anomalous Scattering by X-rays, Neutrons and Electrons** ☐ INTERNATIONAL UNION OF CRYSTALLOGRAPHY ☐ Madrid, Spain *(S. C. Abrahams, Bell Laboratories, Murray Hill, N. J. 07974)*

JUNE 1974

17–20 • **Thermography** ☐ EUROPEAN THERMOGRAPHIC ASSN.; AMERICAN THERMOGRAPHIC SOCIETY ☐ Amsterdam, The Netherlands *(Secretariat, 1st European Congress on Thermography, Organisatie Bureau Amsterdam N. V., P. O. Box 7205, Amsterdam, The Netherlands)*

23–28 • ☐ ANS ☐ Philadelphia, Pa. *(O. J. Du Temple, Executive Secretary, ANS, 244 E. Ogden Ave, Hinsdale, Ill. 60521)*

JULY 1974

15–17 • **Thermophysics and Heat Transfer** ☐ AIAA; AMERICAN SOCIETY OF MECHANICAL ENGINEERS ☐ Boston, Mass. *(E. Fried, ASME Program Representative, General Electric Co, P. O. Box 1021, Schenectady, N. Y. 12301)*

22–26 • **Atomic Physics** ☐ ORGANIZING COMMITTEE FOR THE 4TH INTERNATIONAL CONFERENCE ON ATOMIC PHYSICS ☐ Heidelberg, West Germany *(G. zu Putlitz, Institut fur Angewandte Physik I, Universität Heidelberg, Albert-Uberle-Str. 3–5, D-69*

PARTIAL CALENDAR ONLY

See explanatory note at opening

Heidelberg, West Germany)

28–1 • □ AAPM □ Kansas City, Mo. *(R. C. Riley, Dept. of Radiology, Univ. of Kansas Medical Center, Kansas City, Mo.)*

AUGUST 1974

14–16 • **Inter- and Intra-Molecular Forces** □ US NATIONAL COMMITTEE FOR CRYSTALLOGRAPHY; INTERNATIONAL UNION OF CRYSTALLOGRAPHERS □ Pennsylvania State Univ., University Park *(D. Williams, Chemistry Dept., Univ. of Louisville, Louisville, Ky. 40208)*

19–21 • **Optical Information Processing** □ AUSTRALIAN ACADEMY OF SCIENCE; INTERNATIONAL COMMISSION FOR OPTICS □ Sydney, Australia *(P. E. Ciddor, Conference Secretary, Optical Information Processing, National Standards Laboratory, Chippendale, NSW, 2008, Australia)* [2/74]

19–23 • □ ACA □ Pennsylvania State Univ., University Park *(E. Snider, ACA, 335 E. 45th St, New York, N. Y. 10017)*

SEPTEMBER 1974

9–14 • **Magnetic Resonance and Related Phenomena** □ IOP □ Univ. of Nottingham, UK *(E. R. Andrew, Physics Dept., Univ. of Nottingham, University Park, Nottingham NG7 2RD, UK)*

NEW LISTING OF SHORT COURSES AND SCHOOLS

18–22 JUNE

Techniques in High-Speed Photography □ MIT □ Cambridge, Mass. *(Director of Summer Sessions, MIT, Rm E19-356, Cambridge, Mass. 02139)*

1–6 JULY

Coherent Radiation Systems □ ORGANIZING COMMITTEE □ New England College, Henniker, New Hampshire *(Engineering Foundation, 345 E. 47th St, New York, N. Y. 10017)*

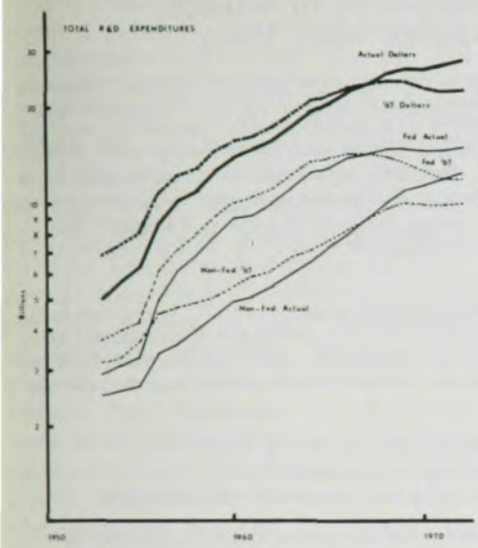
2–22 JULY

Physics and Astrophysics of Compact Objects □ NATO ADVANCED STUDY INST. □ Inst. of Astronomy, Cambridge, UK *(S. Mitton, Secretary, Inst. of Astronomy, Madingley Rd, Cambridge CB3 OHA, UK)*

9–27 JULY

Plasma Physics □ SCIENCE RESEARCH COUNCIL; CULHAM LABORATORY □ Culham Laboratory, UK *(Sci-*

R & D FUNDS DECLINE AFTER INFLATION



Physicists are skeptics—they're trained to be—but let's face facts, with over 60% of all physicists (85% of university physicists) receiving federal R & D funding, can you afford *not* to know what's happening in Washington? Clearly the answer is no, and that's why the **American Physicists Association** provides physicists with a monthly newsletter which discusses the latest developments at the national level.

Did you know, for example, that major legislation has been proposed which could significantly affect physicist employment? With R & D funds declining, in terms of deflated dollars, what steps can be taken to encourage added funds which are of benefit to both physicists and the nation? Can physics talent be brought to bear on some of the national priority problem areas? If these questions concern you join APA. We are working to help balance the supply of and demand for physicists and increase their professional and economic standing.

We offer no simple or radical solution to the economic problems facing physicists. We do offer a chance for physicists to work together for the improved scientific health of our nation and for the economic benefit of all physicists.

The employment picture began to deteriorate in the late sixties. What does it look like for the next decade? Are things going to turn around in "five years"? APA's manpower report discusses the situation in detail.

We need your support. You should join APA today. We are actively working for you whether you support us or not. However, without a broad base of support we can achieve only limited success. Dues are:

$5.00—for physics graduate students 1 year trial membership with no voting privileges or right to hold office.

$10.00—if employed 1/2 time or less.

$20.00—otherwise.

APA's 1973 "Projected Supply and Demand for Physicists" is on sale to non-members for $5.00 and available free to new members while supply lasts.

American Physicists Association, Box 19343 Washington, D.C. 20036

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ence Research Council, State House, High Holborn, London WC1R 4TA, UK)

9–27 JULY

Molecular Physics □ SCIENCE RESEARCH COUNCIL; CULHAM LABORATORY □ Culham Laboratory, UK *(Science Research Council, State House, High Holborn, London WC1R 4TA, UK)*

6–10 AUGUST

Laser Safety □ MEDICAL LASER LABORATORY, OFFICE OF CONTINUING MEDICAL EDUCATION, UNIV. OF CINCINNATI □ Cincinnati, Ohio *(Laser Safety Course, CONMED, 114 Medical College, Cincinnati, Ohio 45219)*

13–17 AUGUST

Laser Interaction and Related Plasma Phenomena □ RENSSELAER POLYTECHNIC INST. □ Troy, N. Y. *(Office of Continuing Studies, Rensselaer Polytechnic Inst., Troy, N. Y. 12181)* [7/25/73]

13–26 AUGUST

Duality in Elementary Particle Physics □ KATHOLIEKE UNIVERSITEIT TE LEUVEN; RHEINISCH-WESTPHALISCHE TECHNISCHE HOCHSCHULE AACHEN; UNIVERSITÉ CATHOLIQUE DE LOUVAIN □ Leuven-Louvain, Belgium *(D. Speiser, Director of the Summer Inst., Inst. for Theoretical Physics, Celestijnenlaan 200 D, 3030 Heverlee, Belgium)*

15–21 AUGUST

Photoelectronic Imaging Devices □ UNIV. OF RHODE ISLAND □ Kingston, R. I. *(Photoelectronic Imaging Devices, Dept. of Electrical Engineering, Univ. of R. I., Kingston, R. I. 02881)*

20–24 AUGUST

Short Courses in Spectroscopy and Chromatography □ FISK UNIV. □ Nashville, Tenn. *(N. Fuson, Director, Fisk Inst., Box 8, Fisk Univ., Nashville, Tenn. 37203)*

Courses: Basic Infrared and Raman Spectroscopy; Basic Gas-Liquid Chromatography; Interpretation of Infrared and Raman Spectra

27–31 AUGUST

Surface Science □ UNIV. OF WISCONSIN, MILWAUKEE □ Milwaukee, Wis. *(T. S. Jayadevaiah, College of Engineering and Applied Science, Univ. of Wis., Milwaukee, Wis. 53201)*

27 AUGUST–1 SEPTEMBER

Particle Physics □ McGILL UNIV. □ Montreal, Canada *(C. Bridgman, Secretary, IPP Summer School, Physics Dept., McGill Univ., P. O. Box 6070, Montreal 101, Quebec, Canada)*

9–28 SEPTEMBER

Perfect and Imperfect Crystals □ SCIENCE RESEARCH COUNCIL □ Reading Univ., UK *(Science Research Council, State House, High Holborn, London WC1R 4TA, UK)* □