calendar

This is a complete calendar. It lists all physics-related meetings known to us. For the next two months we will publish only new information (partial calendar); in the third month (January) we will again publish a complete calendar as far into the future as we have information. During months with a partial calendar, readers can add new entries to their last complete calendar.

Information in the calendar is compiled from a file maintained in the PHYSICS TODAY office. Readers are invited to write or telephone for general calendar information beyond what we print. For complete information concerning an entry, readers are advised to consult the contact and the original PHYSICS TODAY reference.

Abbreviations:

AAPT-American Association of Physics Teachers

AAS-American Astronomical Society
ACA-American Crystallographic Assoc.

APS—American Physical Society

ASA—Acoustical Society of America OSA—Optical Society of America

sps-Society of Physics Students
of R-Society of Rheology

AEC-US Atomic Energy Commission
AIAA-American Institute of
Aeronautics and Astronautics

ANS-American Nuclear Society

Avs-American Vacuum 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

NBS—National Bureau of Standards
ORNL—Oak Ridge National Laboratory

Coding:

date subject | HOST | Location (Contact) [submission deadline] Physics Today ref.

OCTOBER 1972

- Particle Accelerators in Radiation Therapy | division of nuclear physics of aps, aec, national institutes of health, nasa, national science foundation | Los Alamos, N. M. 9/72
- 2-5 Metallurgical Effects at High Strain Rates

 SANDIA LABS, AMERICAN INSTITUTE OF MINING, METALLURGICAL AND PETROLEUM ENGINEERS

 N. M. 4/72
- 2-5

 AMERICAN VACUUM SOCIETY

 Chicago, Ill. 6/72
- 2-6 Beam-Foil Spectroscopy □ OSA □ Tucson, Ariz. 4/72
- Polaritons
 THALIAN NATIONAL RESEARCH COUNCIL, REGIONAL SICILIAN GOVT., ITALIAN PHYSICAL SOCIETY, UNIV. OF CATANIA, UNIV. OF MESSINA, UNIV. OF PALERMO
 Taormina, Italy 6/72
- 2-6 Remote Sensing of Environment

 □ CENTER FOR REMOTE SENSING

- INFORMATION AND ANALYSIS ☐ Ann Arbor, Mich. 8/72
- 3–5 Surface Science ☐ AMERICAN VACUUM SOCIETY ☐ Chicago, Ill. 8/72
- 3-6 Trends in the Development of Modern Physics □ EUROPEAN PHYSICAL SOCIETY □ Wiesbaden, Germany 4/72
- 4-6 Ultrasonics ☐ IEEE GROUP ON SONICS AND ULTRASONICS ☐ Boston, Mass. 6/72
- 5, 6 Testing of Polymers for Service

 ☐ MATERIALS AND TESTING GROUP
 OF IOP, MATERIALS SCIENCE CLUB,
 PLASTICS INSTITUTE, INSTITUTION
 OF THE RUBBER SOCIETY ☐ Buxton, UK 3/72
- 6, 7 AAPT ILLINOIS SECTION

 DeKalb, Ill. 8/72
- 6, 7 Atmospheric Physics
 New YORK STATE SECTION OF APS
 Poughkeepsie, N. Y. 9/72
- 8-13 Electrets, Charge Storage and Transport in Dielectrics □ ELEC-

3,429 Research Scientists Can't all be wrong

... and they've made Spellman RHR-Series highvoltage power supplies the first choice of universities, research facilities, and government laboratories all over the world. Spellman designs win on both price and performance . . . because they use the unique RF/HV technique, developed and advanced by Spellman for 30 years.



Model RHR 30P120, 0-30KV/0-4mA

0.01% Regulation, 0.02% Ripple, all-silicon, all-solid-state. Complete overload / short-circuit protection. One of 1200 low-cost RF/HV standard models, from 1 to 400 KV.

APPLICATIONS . . . CRT displays, electron microscopes, ionization chambers, capacitor charging.

FREE! Bulletin 7210, first of

a series of application notes on RF/HV techniques.



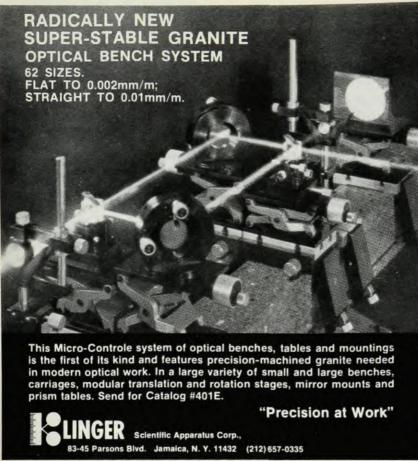


SPELLMAN HIGH VOLTAGE

ELECTRONICS CORPORATION 1930 ADEE AVENUE

1930 ADEE AVENUE BRONX, NEW YORK 10469 (212) 671-0300

Circle No. 55 on Reader Service Card



Circle No. 56 on Reader Service Card





FLEXIBLE SPECTROPHOTOMETRIC SYSTEM

The MPI "Building Block" concept provides unusual versatility and performance with solid state reliability.

This modular photometric system provides light sources, sample holders and detectors with over 30 applications to serve your needs.

MP-System 1000 applications include: Flame Photometry, Fluorometry, Colorimetry, Spectrophotometry and Nephelometry.

MP-1888	Complete Photometric System for UV-Vis-NIR; Filter Photometry, etc.	\$6,320.
MP-1018A	Scanning Monochromator, 0.45 meter	1,165.
MP-1027	10" Strip Chart Recorder	565.
MP-1035	UV-Visible Light Source	945.
MP-1666	Electronics Console	1,995.

Write for MPI Catalog-Photometry Phone: 415-937-3630

McKEE-PEDERSEN INSTRUMENTS, Box 322, Danville, CA 94526

Circle No. 57 on Reader Service Card

OCTOBER 1972

- TROCHEMICAL SOCIETY

 Miami
 Beach, Florida 3/72
- 8-15 Space for World Development
 INTERNATIONAL ASTRONAUTICAL FEDERATION Vienna, Austria 5/72
- 9-13 Space Optics | International commission for optics, National academy of sciences | Santa Monica, Calif. 2/72
- 9-13 Reactor Shielding
 ORGANIZATION FOR ECONOMIC COOPERATION
 AND DEVELOPMENT'S EUROPEAN
 NUCLEAR ENERGY AGENCY
 FRENCH ATOMIC ENERGY COMMISSION
 Paris, France 7/72
- 10-13 Proton Linear Accelerators □
 LOS ALAMOS SCIENTIFIC LABORATORY □ Los Alamos, N. M. 7/72
- 10–15 Electronics and Vacuum Physics

 □ CZECHOSLOVAK ACADEMY OF
 SCIENCES □ Brno, Czechoslovakia
 3/72
- 11, 12 Display Devices

 New York, N. Y. 7/72
- 13, 14 ☐ NEW ENGLAND SECTION OF APS ☐ Burlington, Vt. 8/72
- 13, 14 ☐ APS OHIO SECTION ☐ Athens, Ohio (H. N. Maxwell, Ohio Wesleyan Univ., Delaware, Ohio 43105) 10/72
- 17–20 Gaseous Electronics
 UNIV. OF
 WESTERN ONTARIO
 London,
 Ontario, Canada 7/72
- 17-20 □osa □ San Francisco
- 20, 21 Magnetospheric Substorms ☐ AMERICAN GEOPHYSICAL UNION, RICE UNIV. ☐ Houston, Tex. 9/72
- 21 □ SOCIETY OF PHYSICS STUDENTS (ZONE 9) □ Sioux City, Iowa (R. W. Green, Dept. of Physics, Morningside College, Sioux City, Iowa 51106) 10/72
- 27, 28 □SOCIETY OF PHYSICS STUDENTS (ZONE 9) □ Rolla, Mo. (D. M. Sparlin, Dept. of Physics, Univ. of Missouri, Rolla, Mo. 65401) 10/72
- 27, 28 Eastern Theoretical Physics Conference ☐ UNIV. OF CONNECTICUT, NATIONAL SCIENCE FOUNDATION ☐ Storrs, Conn. 5/72
- 27, 28 ☐ ORGANIZATIONAL MEETING OF THE BATES ACCELERATOR USERS GROUP ☐ Cambridge, Mass. (P. Demos, 26-505, MIT, Cambridge, Mass. 02139) 10/72
- 28 SOCIETY OF PHYSICS STUDENTS
 (ZONE 10)
 College Station, Tex. (R. C. Kilpatrick, Dept. of Physics, Texas A&M Univ., College Station, Tex. 77843) 10/72
- 31-2 Eastern Analytical Symposium

 ANALYTICAL GROUP, NEW YORK
 SECTION AND ANALYTICAL GROUP,

NEW JERSEY SECTION OF AMERICAN CHEMICAL SOCIETY, BALTIMORE—WASHINGTON, DELAWARE VALLEY, NEW YORK AND NEW ENGLAND SECTIONS OF SOCIETY FOR APPLIED SPECTROSCOPY, AMERICAN MICROCHEMICAL SOCIETY AMERICAN CITY City, N. J. 5/72

NOVEMBER 1972

- 2-4 □ NUCLEAR PHYSICS DIVISION OF APS □ Seattle, Wash. 8/72
- 3,4

 AAPT TEXAS SECTION

 Fort Worth, Tex. (C. Epp, Midwestern Univ., Wichita Falls, Tex. 76310)
 10/72
- 4 IOWA SECTION OF AAPT ☐ Fayette, Iowa 8/72
- 4 □SOCIETY OF PHYSICS STUDENTS (ZONE 7) □ Dayton, Ohio (T. W. Listerman, Dept. of Physics, Wright State Univ., Dayton, Ohio 45431) 10/72
- 6-10 Irradiation Facilities for Research Reactors

 IAEA

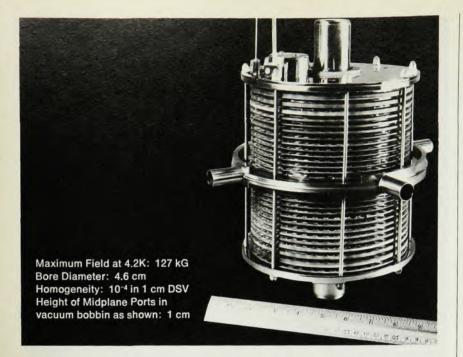
 Tehran, Iran 6/72
- 13,14 ☐ SIXTH LAMPF USERS GROUP MEETING ☐ Los Alamos, N. M. 6/72
- 13-15 Collection and Analysis of Astrophysical Data □ NATIONAL RADIO ASTRONOMY OBSERVATORY, IEEE GROUP OF AEROSPACE AND ELECTRONIC SYSTEMS, INTERNATIONAL SCIENTIFIC RADIO UNION □ Charlottesville, Va. 4/72
- 13-15 Interfacial Bonding and Fracture in Polymeric, Metallic and Ceramic Composites □ POLYMER GROUP OF SOUTHERN CALIFORNIA SECTION OF AMERICAN CHEMICAL SOCIETY, MATERIALS SCIENCE DEPT. OF THE UNIV. OF CALIF. AT LOS ANGELES □ Los Angeles, Calif. 5/72
- 13-16 DIVISION OF PLASMA PHYSICS OF APS Monterey, Calif. 8/72
- 15-17 Planets, Stars and Nebulae Studied with Photopolarimetry ☐ INTERNATIONAL ASTRONOMICAL UNION ☐ Tucson, Ariz. 8/72
- 16-18 □APS SOUTHEASTERN SECTION □ Birmingham, Ala. (L. W. Seagondollar, Dept. of Physics, North Carolina State Univ., Raleigh, N. C. 27607) 10/72
- 17 □ SOCIETY OF PHYSICS STUDENTS (ZONES 4, 5 AND 6) □ Birmingham, Ala. (R. P. Bauman, Dept. of Physics, Univ. of Alabama, Birmingham, Ala. 35233) 10/72
- □ NORTHERN CALIFORNIA SECTION
 OF AAPT □ Santa Clara, Calif.
 9/72
- Environmental Exposure to Nonionizing Radiation

 ENVIRON-MENTAL PROTECTION AGENCY, AMERICAN PUBLIC HEALTH ASSO-CIATION RADIOLOGICAL HEALTH SECTION

 Atlantic City, N. J. 9/72
- 10-22

 APS DIVISION OF FLUID DYNAMICS
 Boulder, Colo. (M. S. Uberoi, Dept. of Aerospace Engi-





For magneto-optical studies: a new superconducting magnet from IGC

Intermagnetics General Corporation, an independent affiliate of General Electric Company, offers high performance Nb₃Sn superconducting magnets for magneto-optical studies with a combination of the following features:

- Ultrahigh fields (to 150 kG)
- Split configuration
- High homogeneity
- Good radial access
- Vacuum bore

Working space within the magnet can be accessed either through the midplane of the magnet or through the bore. The split configuration is well suited for many applications including Raman spin flip scattering and neutron diffraction studies. And samples may be maintained under vacuum at 4.2K, or in helium gas at any controlled temperature between 2K and 300K.

Whatever your requirements — superconducting materials, magnets of split configuration for optical studies, or complete turnkey systems — rely on the one company with across-the-board capability...Intermagnetics General Corporation.

For further information, write or call: Paul Swartz, Vice President of Marketing and Sales, Intermagnetics General Corporation, Charles Industrial Park, New Karner Road, Guilderland, N.Y. 12084, Phone 518/456-5456.

INTERMAGNETICS DESIGNATION

NEW KARNER ROAD

GUILDERLAND, N.Y. 12084

Circle No. 59 on Reader Service Card

NOVEMBER 1972

neering Sciences, Univ. of Colo., Boulder, Colo. 80302) 10/72

- 23–26 Modulation Spectroscopy IUPAP □ Tucson, Ariz. 2/72
- 27-1 Management of Radioactive
 Wastes □ IAEA, EUROPEAN NUCLEAR ENERGY AGENCY □ Paris,
 France 5/72
- 28-1 Magnetism and Magnetic Materials | AIP, IEEE, OFFICE OF NAVAL RESEARCH, AMERICAN SOCIETY FOR TESTING AND MATERIALS, MAGNETISM SECTION OF AMERICAN INSTITUTE OF MINING, METALLURGICAL AND PETROLEUM ENGINEERS | Denver, Colo. 3/72
- 28-1

 ASA

 Miami Beach, Fla.
- 29, 30 Application of Optical Instrumentation in Medicine Society of Photo-optical Instrumentation engineers Chicago, Ill. 9/72
- 29-1 ☐ APS DIVISION OF ELECTRON AND ATOMIC PHYSICS ☐ Menlo Park, Calif. (K. Walters, Dept. of Physics, Rice Univ., Houston, Tex. 77001) 10/72
- 30-1 ☐ AMERICAN ASSOCIATION OF PHYSICISTS IN MEDICINE ☐ Chicago, Ill. 7/72

DECEMBER 1972

- 4-6 Electron Devices ☐ IEEE GROUP ON ELECTRON DEVICES ☐ Washington, D. C. 7/72
- 4–7 ☐ AMERICAN GEOPHYSICAL UNION ☐ San Francisco, Calif. 8/72
- 6-8 Nuclear Instrumentation for Research and Development ☐ IEEE ☐ Miami Beach, Fla. 7/72
- 11-14 ☐ HEALTH PHYSICS SOCIETY ☐ San Juan, Puerto Rico 7/72
- 11–15 Neutron Monitoring for Radiation Protection Purposes ☐ IAEA ☐ Vienna, Austria 7/72
- 18–22 Relativistic Astrophysics □ OR-GANIZING COMMITTEE OF SIXTH TEXAS SYMPOSIUM ON RELATIVIS-TIC ASTROPHYSICS □ New York, 1/72

JANUARY 1973

- 3–5 Solid-State Physics □ IOP SOLID-STATE PHYSICS SUBCOMMITTEE □ Manchester, UK 7/72
- 5–7 Synchrotron Radiation □ science research council. □ Daresbury, UK 7/72
- 22–26 Nuclear Power Plant Control and Instrumentation ☐ IAEA ☐ Prague, Czechoslovakia 7/72
- 29-1 ☐ APS-AAPT ☐ New York
- 31–2 ♦ ☐ WESTERN SPECTROSCOPY ASSOCIATION ☐ Pacific Grove, Calif. (Note corrected date.) 7/72

interferencefilters and neutral density filters

contact Rolyn Optics

P.O. Box 148, Arcadia, Calif. 91006

Circle No. 60 on Reader Service Card



CRYOMECH'S Series CM closed cycle Cryo Refrigerators can eliminate 70-90% of liquid nelium loss. Working with superconducting magnets can cost the average user \$5,000-\$20,000 per year in liquid helium losses...

Now with CRYOMECH'S CM Series you can realize the savings within 18 months and have rour CRYOMECH Cryo Refrigerator paid for with the results. with the savings

You'll easily attain 1.8°K to 150°K with the lick of a switch!

*Cold head guaranteed 5000 hours ◆ Compressor

Naranteed 3000 hours ◆ Compact and vibration free

◆ Reliable and easily applied.

*Superconducting magnets *NMR systems

Pre-cooling test systems TYPICAL PAYBACK 6-18 MONTHS

Est 1965

4 AINSLEY DR. SYRACUSE, N. Y. 13210. USA PHONE 315-475-9692

Circle No. 61 on Reader Service Card

FEBRUARY 1973

- Metallurgical Effects at High Strain Rates | SANDIA LABS, AMERICAN INSTITUTE OF MINING, METALLURGICAL AND PETROLEUM ENGINEERS Albuquerque, N. M. 6/72
- 5-9 • Principles and Standards of Reactor Safety ☐ IAEA ☐ Jülich, Germany (C. H. de Mol van Otterloo, Division of External Relations, IAEA, Kärntner Ring 11, P. O. Box 590, A-1011 Vienna, Austria) 10/72

MARCH 1973

- 5-7 Particle Accelerators

 IEEE, AEC, NSF, APS ☐ San Francisco, Calif. 8/72
- 12-16 Nuclear Data in Science and Technology ☐ IAEA ☐ Paris, France (C. H. de Mol van Otterloo, Division of External Relations, IAEA, Kärntner Ring 11, P. O. Box 590, A-1011 Vienna, Austria) 10/72
- 13-16 □ osa □ Denver, Colo. 4/72
- 19-21 Optical Storage of Digital Data

 ☐ OSA ☐ Boulder, Colo. 4/72
- 26-28 Physical Electronics DIVISION OF ELECTRON AND ATOMIC PHYSICS OF APS □ Berkeley, Calif. 9/72
- 26-28 Engineering Aspects of Magnetohydrodynamics Stanford
 UNIV. Stanford, Calif. (M.
 Mitchner, Dept. of Mechanical
 Engineering, Stanford Univ.,
 Stanford, Calif. 94305) 10/72
- 26-30 Photonuclear Reactions and Applications ☐ APS, IUPAP, AEC ☐ Pacific Grove, Calif. (B. L. Berman, Lawrence Livermore Laboratory, Livermore, Calif. 94550)
- 26–30 New Developments in Radio-pharmaceuticals and Labelled Compounds

 IAEA
 Copen-hagen, Denmark 7/72
- 27–29 Ultrasonics □ ORGANIZING COM-MITTEE OF ULTRASONICS INTER-NATIONAL 1973 □ London, UK (Z. Novak, Ultrasonics Interna-tional 1973, IPC Science and Technology Press, 32 High St, Guildford, Surrey, UK) 10/72
- Nuclear Structure and High En-28-30 ergy Physics I NUCLEAR PHYS-ICS SUBCOMMITTEE OF IOP Liverpool, UK 8/72

APRIL 1973

- Waves and Instabilities in Plas-2-6 mas

 INSTITUTE OF THEORETI-CAL PHYSICS OF THE UNIV. OF INNSBRUCK ☐ Innsbruck, Austria
- 3, 4 Magnetic Resonance in Conducting Materials | BRITISH RADIO SPECTROSCOPY GROUP ☐ Sheffield,

CW RF SOURCES

10 55	200 5	
17-27	KHz	200 W
125-450	KHz	4 KW
350-500	KHz	250 W
2-30	MHz	3 KW
4-21	MHz	40 KW
30-60	MHz	20 KW
24-170	MHz	100 W
160-350	MHz	100 W
200-2000	MHz	40 W
385-575	MHz	1.5 KW
750-985	MHz	1 KW
1.5-5.0	GHz	150 W
4.4-5.0	GHz	1 KW
7.25-8.8	GHz	150 W
7.4	GHz	2 KW
8.5-9.6	GHz	1 mw
16-17	GHz	40 mw

PULSE RF SOURCES

2.4-30	MHz	100		.02 DC
80-160 160-240	MHz	500		2-5 μS 4-7 μS
175-225	MHz	300	KW	1, 4, 20, μS
210-225	MHz		MW	5 μS
400-420	MHz		KW KW	.0002 DC .5 μS/1.5-
420 400		-		9K PPS
950-1150			KW	.005 DC
900-1040	MHz	5, 10	NW	1 μS
1.2-1.35	GHz	500		2 45
2.1-3.8	GHz	100	W	1.5-7 µS
3.2-3.3	MHz		KW	.001 DC
2.7-2.9	GHz	250	MW	0.8 μS 1 μS
3.1-3.5	GHz		MW	1.3 μS
2.7-2.9			MW	2-3 μS
5.4-5.8 5.4-5.9	GHz	175	KW	.001 DC .002 DC
	GHz		MW	1 μS
6.2-6.6	GHz	200		.37 µS
8.7-8.9	GHz	1.2	KW	0.9 μS/ 50K PPS
9.2-9.5	GH ₇	100	w	0.5 µS
8.9-9.4	GHz	400	W	.001 DC
9.375			KW	.5-1-2 µS
8.5-9.6 9.375	GHz	100		.0013 DC .5-1-2 μS
9.1		400		1.8 μS
15.5-17.5		135		.33-1-3 μS
	GHz	40	KW	.15 μS .1 μS
33	CITE	40	L 14	·1 µ3

MODULATORS

2	KW	Line	Type	4.2	KV	.5	A,	.25 µ	S
5	KW	Hard	Tube	3	KV	2	A:	1.1 4	5
25	KW	Line	Type	5.5	KV	4.5	A	.0025	DC
								.012	
								.001	
								.002	
								.1 DC	
500	KW	Line	Type	22	KV	28	A:	.001	DC
1	MW	Hard	Tube	25	KV	40	A:	.002	DC
								.0038	
								30 uS	
								.001	

PULSE TRANSFORMERS

120 KW	3KV-64A	12.5KV-9.5A
225 KW	3.3KV-70A	15KV-15A
600 KW	5.5KV-100A	22KV-28A
1.5 MW	8KV-187A	35KV-50A
3.5 MW	7.1KV-500A	55KV-65A
30 MW	17.2KV-1740A	100KV-300A

HIGH VOLTAGE POWER SUPPLIES

0-5	KV	1 /
0-20	KV	1.35 A
0-6/2/1.5	KV	500/50/50 M
0-35	KV	1.5 4
28	KV	70 M
17.5	KV	1.8 4
12	KV	800 M
30	KV	230 M
0-150	KV	10 4
18	KV	9 95 4

SEND FOR FREE 24 PAGE CATALOG

radio research instrument co.. inc.

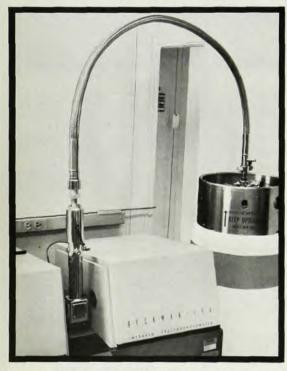
3 Quincy St. Norwalk, Conn. 06850

(203) 853-2600

Circle No. 62 on Reader Service Card

WHY did hundreds of researchers **SWITCH FROM**

helium research



Air Products' HELI-TRANTM liquid transfer system is more convenient, more productive, easier to use and more economical to buy and operate.

If you do low temperature spectroscopy, x-ray diffraction, magnetic studies, etc., consider these advantages:

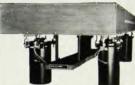
- Temperature stability—0.01°K (from 2 to 300°K)
- Standard accessories for over 25 applications
- Small, light-weight (total system weight 12 pounds)
- No LIN necessary, no helium transfer losses
- Rapid cool-down/warm-up cycle (20-minute cycle)

For more information about HELI-TRAN cryogenic refrigeration systems, or other cryogenic refrigeration systems from Air Products, call (215) 395-8355. Or write: Advanced Products Department, Air Products and Chemicals, Inc., Allentown, Pa. 18105.



Circle No. 63 on Reader Service Card





vibration isolation system (res. freq. less than 1.25 cps) contained in each table leg effectively isolates working surface from

modern optics corporation 213-579-3020 2207 merced ave., el monte, california 91733

Circle No. 64 on Reader Service Card

Services

SPECIALIZED SERVICES FOR PHYSICISTS IN SMALL DEPTS.

Our university services division provides complete range of services essential for professional advancement and usually available to physicists only in large university departments. We will assist and finance the writing of new or unfinished manuscripts of interest to us. See June '72 issue of PHYSICS TODAY (p. 61) for a partial list of our publications or write for complete information and brochure. UNIVERSITY SERVICES DIVISION, PHYSICAL BIOLOGICAL SCIENCES, Box 47, Blacksburg, Va. 24060 / Some financed, small summer projects available to graduate students in biophysics nearing completion of their research. Send the research topic and background information to the above address.

For Sale

FOR SALE—Van De Graff 1.5 MEV High Voltage Engineering Model GS, Horizontal, Approximately 1800 hours use. Good working condition. Available January 1973. Reply Box No. 1072, Physics Today, 335 E 45th N. Y. N. Y. 10017.

FAR INFRARED FILTERS HIGH PASS, LOW PASS, & BAND PASS for spectral region 25 to 800 micron (400-12.5 cm⁻¹) DESCRIPTIVE DESIGN & DEVELOPMENT CORP. 59 Farnham Ave., Garfield, NJ 07026 (201) 773-0518

APRIL 1973

- 9-11 Thin Films □ 10P □ Lancaster, UK 8/72
- 9-11 Vacuum Science
 NEW MEXICO CHAPTER OF AVS
 Albuquerque, N. M. 9/72
- 9-13 Solid Compounds of Transition Elements
 ORGANIZING COMMITTEE OF 4TH INTERNATIONAL CONFERENCE ON SOLID COMPOUNDS OF TRANSITION ELEMENTS
 Geneva, Switzerland 2/72
- 10-13 Atomic and Molecular Physics
 ATOMIC AND MOLECULAR PHYSICS
 SUBCOMMITTEE OF 10P
 Newcastle-upon-Tyne, UK 7/72
- 11-13 Optical Instrumentation in Highway and Traffic Engineering
 SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS, US DEPT. OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION
 Washington, D. C. 9/72
- 30-1 Electro-Optics—Principles and Applications □ SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS, OSA □ Boston, Mass. 9/72
- 30-2 Instrumentation in Vacuum Processes □ VACUUM GROUP OF 10P □ London, UK (Meetings Officer, IOP, 47 Belgrave Square, London SW1X 8QX, UK) 10/72

MAY 1973

- 47 Electrostatic Accelerators
 ENCE RESEARCH COUNCIL
 Daresbury, UK 8/72
- 13-18 Silicon Materials Science and Technology □ ELECTRONICS AND ELECTROTHERMICS AND METAL-LURGY DIVISION OF THE ELECTRO-CHEMICAL SOCIETY □ Chicago Ill. 7/72

JULY 1973

- 3-6 Molecular Motions in Liquids □ society of physical chemistry □ Paris, France 3/72
- 9-12 Molecular Beams □ ORGANIZING COMMITTEE OF FOURTH INTERNATIONAL SYMPOSIUM ON MOLECULAR BEAMS □ Cannes, France 4/72
- 10-13 Gasdynamics of Explosions and Reactive Systems
 INTERNATIONAL ACADEMY OF ASTRONAUTICS
 La Jolla, Calif. 9/72
- 23-26 Impact Ionization ☐ EUROPEAN PHYSICAL SOCIETY ☐ London, UK (M. R. C. McDowell, Dept. of Mathematics, Royal Holloway College, Englefield Green, Surrey, UK) 10/72

AUGUST 1973

6-8 • Thermophysical Properties □

AMERICAN SOCIETY OF MECHANICAL ENGINEERS □ Atlanta, Ga.
(P. E. Liley, School of Mechani-

- cal Engineering and Thermophysical Properties Research Center, Purdue Univ., Lafayette, Ind. 47906) 10/72
- 13–15 Formation and Dynamics of Galaxies □ INTERNATIONAL ASTRONOMICAL UNION □ Canberra, Australia 3/72
- 14–16 New Problems of Astrometry ☐ INTERNATIONAL ASTRONOMICAL UNION ☐ Perth, Australia 3/72
- 16–18 Stellar Instability and Evolution

 ☐ INTERNATIONAL ASTRONOMICAL
 UNION ☐ Canberra, Australia
 3/72
- 20-25 Magnetism □ SCIENTIFIC COUNCIL OF SOLID STATE PHYSICS, USSR ACADEMY OF SCIENCES □ Moscow, USSR 10/71

SEPTEMBER 1973

- 3–7 Galactic Radio Astronomy □ IN-TERNATIONAL ASTRONOMICAL UNION □ Parkes, Australia 3/72
- 3–7 Fine Structure of the Chromosphere □ INTERNATIONAL ASTRONOMICAL UNION □ Surfers' Paradise, Australia 3/72
- 5–8 Gravitational Radiation and Gravitational Collapse □ INTERNATIONAL ASTRONOMICAL UNION □ Warsaw, Poland 3/72
- 5-8 Stability of the Solar System and of Smaller Stellar Systems
 INTERNATIONAL ASTRONOMICAL UNION
 Warsaw, Poland 3/72
- 7–11 Coronal Disturbances ☐ INTERNATIONAL ASTRONOMICAL UNION ☐ Surfers' Paradise, Australia 3/72
- 10–12 Confrontation of Cosmological Theories with Observational Data □ INTERNATIONAL ASTRONOMICAL UNION □ Cracow, Poland 3/72
- 10–12 Exploration of the Planetary System ☐ INTERNATIONAL ASTRONOMICAL UNION ☐ Torun, Poland 3/72
- 10–12 Late Stages of Stellar Evolution

 ☐ INTERNATIONAL ASTRONOMICAL UNION ☐ Warsaw, Poland
 3/72
- 10-14 Phenomena in Ionized Gases □
 ORGANIZING COMMITTEE OF 11TH
 INTERNATIONAL CONFERENCE ON
 PHENOMENA IN IONIZED GASES □
 Prague, Czechoslovakia 8/72
- 12–14 Physics of Semimetals and Narrow-Gap Semiconductors □UNIV.
 OF WALES INSTITUTE OF SCIENCE
 AND TECHNOLOGY, UNIV. COLLEGE
 OF CARDIFF, SOLID-STATE PHYSICS
 SUBCOMMITTEE OF IOP □ Cardiff,
 UK 7/72
- 24–28 Noble Gases ☐ US ENVIRONMENTAL PROTECTION AGENCY, UNIV. OF NEVADA ☐ Las Vegas, Nev. (A. A. Moghissi, US Environmental Protection Agency, P. O. Box 15027, Las Vegas, Nev. 89114)



Circle No. 65 on Reader Service Card