

CALENDAR

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ABBREVIATIONS: APS, American Physical Society; OSA, Optical Society of America; ASA, Acoustical Society of America; S of R, Society of Rheology; AAPT, American Association of Physics Teachers; ACA, American Crystallographic Association; AAS, American Astronomical Society; AEC, US Atomic Energy Commission; AFCLRL, Air Force Cambridge Research Laboratories; IAEA, International Atomic Energy Agency; IEEE, Institute of Electrical and Electronics Engineers; IPPS, The Institute of Physics and The Physical Society; IUPAP, International Union of Pure and Applied Physics; NBS, National Bureau of Standards; ORNL, Oak Ridge National Laboratory.

CODING of each item is as follows: date ☐ subject ☐ HOST ☐
Location (Contact) [submission deadline] PT ref.

• new listing ♦ new information

FEBRUARY 1968

- 1, 2 Spectroscopy ☐ WESTERN SPECTROSCOPY ASSOCIATION ☐ Asilomar, Calif. (H. Brown) 12/67
- 1-3 Solar Astronomy ☐ AAAS ☐ Tucson, Arizona (N. Sheeley) [12/7] 9/67
- 4-7 ☐ ACA ☐ Tucson, Ariz. (D. H. Templeton) 9/67
- 5-7 ☐ S of R ☐ San Diego, Calif. (J. F. Johnson) 9/67
- 6 Philosophy of Science ☐ BOSTON U. ☐ Boston (R. S. Cohen) 1/68
- 13 Philosophy of Science ☐ BOSTON U. ☐ Boston (R. S. Cohen) 1/68
- 14-16 Solid State Circuits ☐ IEEE ☐ U. of Pennsylvania, Philadelphia (R. Webster) [10/23] 10/67
- 19-21 Biophysics ☐ BIOPHYSICAL SOCIETY ☐ Pittsburgh (H. C. Mel) [12/1] 1/68
- 23, 24 Nuclear Conference ☐ U. OF SASKATCHEWAN ☐ Regina, Saskatchewan, Canada (Physics Dept., U. of Saskatchewan) 11/67
- 26, 27 Gas Phase Molecular Structure ☐ U. OF TEXAS ☐ Austin, Tex. (H. P. Hanson) [12/15] 11/67
- 26-28 ☐ APS ☐ Boston (W. W. Havens Jr.) 9/67

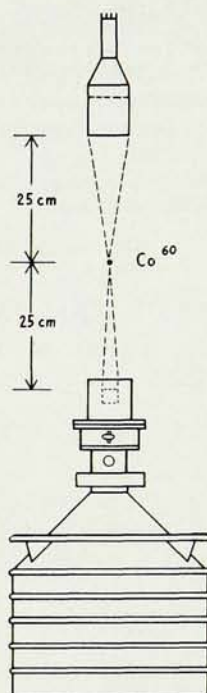
- 26-29 Elementary Particles ☐ INSTITUT FÜR THEORETISCHE PHYSIK DER UNIVERSITÄT GRAZ ☐ Schladming, Styria, Austria (H. Kühnelt) 10/67
- 26-1 Lasers and Their Engineering Applications ☐ U. OF CALIFORNIA EXTENSION ☐ Berkeley, Calif. (Head, University extension) 10/67
- 28-1 Scintillation and Semiconductor Counters ☐ AEC-IEEE ☐ Washington, D. C. (G. A. Morton) [11/7] 8/67

MARCH 1968

- 4-7 Neutron Cross Section and Technology ☐ APS-AEC-NBS ☐ Washington, D. C. (D. T. Goldman) [12/1] 8/67
- 5-8 Nuclear Electronics and Radioprotection ☐ CENTRE DE PHYSIQUE ATOMIQUE ET NUCLÉAIRE DE LA FACULTÉ DES SCIENCES ☐ Toulouse, France (Faculté des Science) [10/15] 10/67
- 13-15 Electronics and Light ☐ ROCHESTER INSTITUTE OF TECHNOLOGY ☐ Rochester, N. Y. (A. R. Maurice) [11/22] 1/68
- 13-15 Radiation Therapy ☐ MEMORIAL SLOAN-KETTERING CANCER CENTER ☐ New York (R. Phillips) (by invitation) 1/68
- 13-15 • Fluctuations in Superconductors

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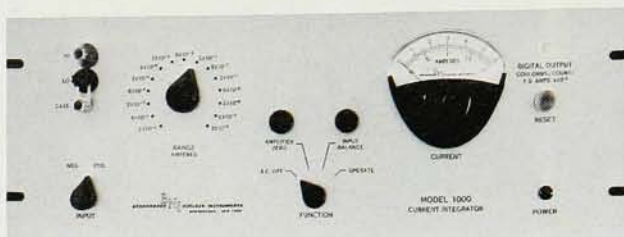
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MARCH 1968

□ NATIONAL AERONAUTICS AND SPACE ADMINISTRATION □ Pacific Grove, Calif. (W. S. Goree, Physics Dept., Stanford Research Institute, Menlo Park, Calif. 94025) 2/68

13-16 □ OSA □ Wash., D. C. (M. E. Wurga) [12/15] 1/68

14-15 • Metal-Nonmetal Transitions □ APS-IUPAP □ San Francisco (J. C. Thompson, Physics B. 210, U. of Texas, Austin, Tex. 78712) [1/29] 2/68

This conference will cover transitions such as semimetal-semiconductor, displacive, paramagnetic metal-antiferromagnetic insulator, in dense metallic vapors of $-S^2$ configuration, monovalent systems, metal-ammonia solutions, impure semiconductors.

18-20 Physical Electronics □ APS □ U. of Minnesota, Minneapolis (W. T. Peria) 12/67

18-21 High-Polymer Physics □ APS □ Berkeley, Calif. (H. D. Keith) [12/26] 12/67

19, 20 Ocean Sciences and Engineering of the Atlantic Shelf Philadelphia, Pa. (T. Evans) [11/1] 12/67

21-23 Microwave Power □ INTERNATIONAL MICROWAVE POWER INSTITUTE □ Boston (1968 Symposium on Microwave Power) [1/1] 12/67

25-28 Organic Solid State Chemistry □ BROOKHAVEN NATIONAL LABORATORY □ (G. Adler) 12/67

28-30 Low-Luminosity Stars □ NATIONAL SCIENCE FOUNDATION-AAS □ U. of Virginia, Charlottesville, Va. (S. Kumar) 10/67

29, 30 Theoretical Physics □ U. OF MICHIGAN □ Ann Arbor (D. Humphrey) 1/68

APRIL 1968

1-3 Heavy-Particle Collisions □ IPPS □ Belfast, Ireland (Meetings Officer, IPPS) [9/29] 9/67

1-5 Radiation Effects on Cells □ IAEA □ Monaco (M. Schulman) [11/15] 1/68

2, 3 Semimetals and Narrow Gap Semiconductors □ IPPS □ Durham, England (Meeting Officer, IPPS) [1/5] 9/67

2-4 □ AAS □ Charlottesville, Va. (P. M. Routly) 9/67

3-5 Magnetism □ IEEE □ Washington, D. C. (J. M. Lommel) [12/15] 9/67

3-5 Engineering Aspects of Magneto-hydrodynamics □ U. OF TENNESSEE SPACE INSTITUTE □ Tullahoma, Tenn. (L. E. Ring) [11/27] 11/67

5, 6 High-Energy Physics □ APS-NEW ENGLAND SECTION □ Tufts U., Medford, Mass. (J. J. Quinn) 1/68

8-11 • □ AMERICAN GEOPHYSICAL UNION □ Wash., D. C. (W. E. Smith, American Geophysical Union, 2100 Pennsylvania Ave. NW,

Wash., D. C. 20037 [12/22]
2/68

8-19 Helium ☐ AMERICAN U. OF BEIRUT ☐ Beirut, Lebanon (C. le Pair) 1/68

16-18 • Turbulence of Fluids and Plasmas ☐ POLYTECHNIC INSTITUTE OF BROOKLYN ☐ New York (J. Fox, PIB symposium committee, 333 Jay St., Brooklyn, N. Y. 11201) [1/15] 2/68

The symposium will cover introduction to turbulence, theoretical and experimental descriptions of turbulent media, experimental diagnostic techniques and related interactions with turbulent media.

17-19 Electronics and Electrical Engineering ☐ IEEE ☐ (J. V. Leeds) [11/1] 1/68

17-19 Structure Analysis ☐ IPPS ☐ U. of York; York, England (Meetings Officer IPPS) [1/5] 10/67

19, 20 ☐ AAPT-CENTRAL PENNSYLVANIA SECTION ☐ U. of Delaware, Newark (C. B. Cooper) 1/68

20 • ☐ AAPT-NEW ENGLAND SECTION ☐ U. of Hartford, Hartford, Conn. (W. H. Ross, 125 Hasbrouck Physics Lab., U. of Massachusetts, Amherst, Mass. 01002) 2/68

22-24 Thin Films ☐ IPPS ☐ U. of Southampton, England (Meetings Officer, IPPS) [1/19] 10/67

22-24 Frequency Control ☐ US ARMY ELECTRONICS COMMAND ☐ Atlantic City, N. J. (M. F. Timm) [12/15] 10/67

22-25 ☐ APS ☐ Washington, D. C. (W. W. Havens Jr.) 9/67

30-1 • The Electron Microscope ☐ IIT RESEARCH INSTITUTE ☐ Chicago (L. B. Alden, IIT Research Institute, 10 W. 35 St., Chicago, Ill. 60616) 2/68

MAY 1968

1-3 • Vacuum Ultraviolet Physics—Interaction With Solids ☐ ORNL ☐ Gatlinburg, Tenn. (L. C. Emerson, ORNL, Oak Ridge, Tenn.) [2/1] 2/68

1-3 Vacuum Science and Technology ☐ AMERICAN VACUUM SOCIETY ☐ Los Angeles (G. R. Neff) [12/1] 12/67

5-9 Optical and Microwave Lasers ☐ ELECTROCHEMICAL SOCIETY ☐ Boston (Electrochemical Society) 12/67

8-10 Electronic Components ☐ IEEE-ELECTRONIC INDUSTRIES ASSOCIATION ☐ Wash., D. C. (F. M. Collins) [10/10] 10/67

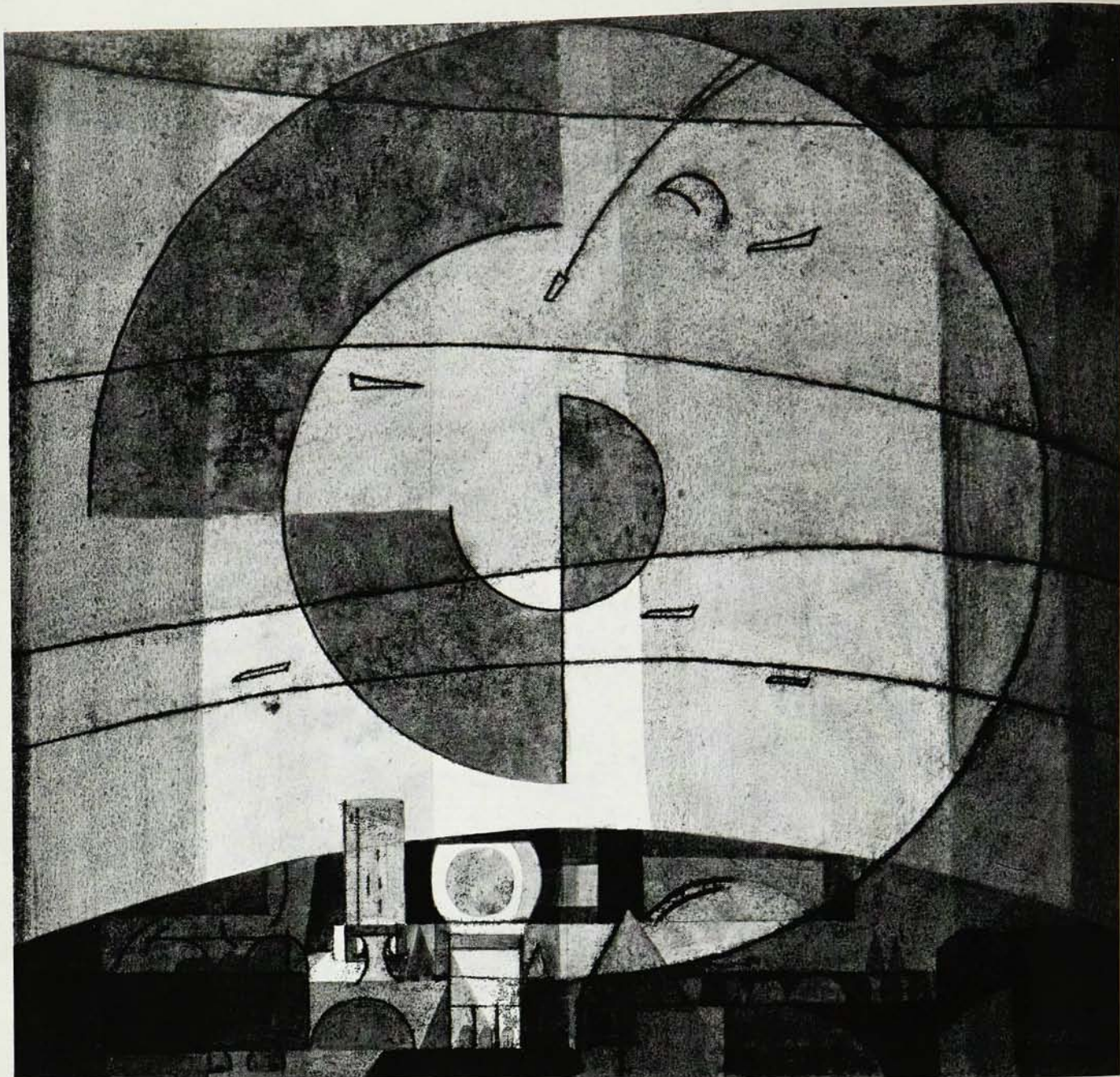
8-11 Technical Communications ☐ SOCIETY OF TECHNICAL WRITERS AND PUBLISHERS ☐ Los Angeles (B. P. Sauer) 11/67

9-10 • Low-Energy Electron Diffraction ☐ IPPS ☐ Harwell, England

TABLE II

SPECIAL PLANE REFLECTANCE GRATINGS - 290A - 26A

1 RULED AREA		(Source Length)		26	30	35	38	42	45	48	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355	360	365	370	375	380	385	390	395	400	405	410	415	420	425	430	435	440	445	450	455	460	465	470	475	480	485	490	495	500	505	510	515	520	525	530	535	540	545	550	555	560	565	570	575	580	585	590	595	600	605	610	615	620	625	630	635	640	645	650	655	660	665	670	675	680	685	690	695	700	705	710	715	720	725	730	735	740	745	750	755	760	765	770	775	780	785	790	795	800	805	810	815	820	825	830	835	840	845	850	855	860	865	870	875	880	885	890	895	900	905	910	915	920	925	930	935	940	945	950	955	960	965	970	975	980	985	990	995	1000	1005	1010	1015	1020	1025	1030	1035	1040	1045	1050	1055	1060	1065	1070	1075	1080	1085	1090	1095	1100	1105	1110	1115	1120	1125	1130	1135	1140	1145	1150	1155	1160	1165	1170	1175	1180	1185	1190	1195	1200	1205	1210	1215	1220	1225	1230	1235	1240	1245	1250	1255	1260	1265	1270	1275	1280	1285	1290	1295	1300	1305	1310	1315	1320	1325	1330	1335	1340	1345	1350	1355	1360	1365	1370	1375	1380	1385	1390	1395	1400	1405	1410	1415	1420	1425	1430	1435	1440	1445	1450	1455	1460	1465	1470	1475	1480	1485	1490	1495	1500	1505	1510	1515	1520	1525	1530	1535	1540	1545	1550	1555	1560	1565	1570	1575	1580	1585	1590	1595	1600	1605	1610	1615	1620	1625	1630	1635	1640	1645	1650	1655	1660	1665	1670	1675	1680	1685	1690	1695	1700	1705	1710	1715	1720	1725	1730	1735	1740	1745	1750	1755	1760	1765	1770	1775	1780	1785	1790	1795	1800	1805	1810	1815	1820	1825	1830	1835	1840	1845	1850	1855	1860	1865	1870	1875	1880	1885	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060	2065	2070	2075	2080	2085	2090	2095	2100	2105	2110	2115	2120	2125	2130	2135	2140	2145	2150	2155	2160	2165	2170	2175	2180	2185	2190	2195	2200	2205	2210	2215	2220	2225	2230	2235	2240	2245	2250	2255	2260	2265	2270	2275	2280	2285	2290	2295	2300	2305	2310	2315	2320	2325	2330	2335	2340	2345	2350	2355	2360	2365	2370	2375	2380	2385	2390	2395	2400	2405	2410	2415	2420	2425	2430	2435	2440	2445	2450	2455	2460	2465	2470	2475	2480	2485	2490	2495	2500	2505	2510	2515	2520	2525	2530	2535	2540	2545	2550	2555	2560	2565	2570	2575	2580	2585	2590	2595	2600	2605	2610	2615	2620	2625	2630	2635	2640	2645	2650	2655	2660	2665	2670	2675	2680	2685	2690	2695	2700	2705	2710	2715	2720	2725	2730	2735	2740	2745	2750	2755	2760	2765	2770	2775	2780	2785	2790	2795	2800	2805	2810	2815	2820	2825	2830	2835	2840	2845	2850	2855	2860	2865	2870	2875	2880	2885	2890	2895	2900	2905	2910	2915	2920	2925	2930	2935	2940	2945	2950	2955	2960	2965	2970	2975	2980	2985	2990	2995	3000	3005	3010	3015	3020	3025	3030	3035	3040	3045	3050	3055	3060	3065	3070	3075	3080	3085	3090	3095	3100	3105	3110	3115	3120	3125	3130	3135	3140	3145	3150	3155	3160	3165	3170	3175	3180	3185	3190	3195	3200	3205	3210	3215	3220	3225	3230	3235	3240	3245	3250	3255	3260	3265	3270	3275	3280	3285	3290	3295	3300	3305	3310	3315	3320	3325	3330	3335	3340	3345	3350	3355	3360	3365	3370	3375	3380	3385	3390	3395	3400	3405	3410	3415	3420	3425	3430	3435	3440	3445	3450	3455	3460	3465	3470	3475	3480	3485	3490	3495	3500	3505	3510	3515	3520	3525	3530	3535	3540	3545	3550	3555	3560	3565	3570	3575	3580	3585	3590	3595	3600	3605	3610	3615	3620	3625	3630	3635	3640	3645	3650	3655	3660	3665	3670	3675	3680	3685	3690	3695	3700	3705	3710	3715	3720	3725	3730	3735	3740	3745	3750	3755	3760	3765	3770	3775	3780	3785	3790	3795	3800	3805	3810	3815	3820	3825	3830	3835	3840	3845	3850	3855	3860	3865	3870	3875	3880	3885	3890	3895	3900	3905	3910	3915	3920	3925	3930	3935	3940	3945	3950	3955	3960	3965	3970	3975	3980	3985	3990	3995	4000	4005	4010	4015	4020	4025	4030	4035	4040	4045	4050	4055	4060	4065	4070	4075	4080	4085	4090	4095	4100	4105	4110	4115	4120	4125	4130	4135	4140	4145	4150	4155	4160	4165	4170	4175	4180	4185	4190	4195	4200	4205	4210	4215	4220	4225	4230	4235	4240	4245	4250	4255	4260	4265	4270	4275	4280	4285	4290	4295	4300	4305	4310	4315	4320	4325	4330	4335	4340	4345	4350	4355	4360	4365	4370	4375	4380	4385	4390	4395	4400	4405	4410	4415	4420	4425	4430	4435	4440	4445	4450	4455	4460	4465	4470	4475	4480	4485	4490	4495	4500	4505	4510	4515	4520	4525	4530	4535	4540	4545	4550	4555	4560	4565	4570	4575	4580	4585	4590	4595	4600	4605	4610	4615	4620	4625	4630	4635	4640	4645	4650	4655	4660	4665	4670	4675	4680	4685	4690	4695	4700	4705	4710	4715	4720	4725	4730	4735	4740	4745	4750	4755	4760	4765	4770	4775	4780	4785	4790	4795	4800	4805	4810	4815	4820	4825	4830	4835	4840	4845	4850	4855	4860	4865	4870	4875	4880	4885	4890	4895	4900	4905	4910	4915	4920	4925	4930	4935	4940	4945	4950	4955	4960	4965	4970	4975	4980	4985	4990	4995	5000	5005	5010	5015	5020	5025	5030	5035	5040	5045	5050	5055	5060	5065	5070	5075	5080	5085	5090	5095	5100	5105	5110	5115	5120	5125	5130	5135	5140	5145	5150	5155	5160	5165	5170	5175	5180	5185	5190	5195	5200	5205	5210	5215	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IMAGINATION In Systems Research

the total program. The system models we develop thus are able to reflect the real world, and the physical research in turn is often guided into areas where new knowledge is needed. □ If your imagination isn't being challenged quite as much as you would like, we invite you to consider participating in this stimulating program of independent, nonprofit research. For more about the Laboratory and your future in it, write today to Mr. S. T. Rentschler, Cornell Aeronautical Laboratory, Inc., Box 235, Buffalo, New York 14221. (CAL offers equal employment opportunity to all.)

Illustration symbolizes the research of our Systems Division. Others in the series reflect the technical essence of our four other Divisions: Aerosciences, Computer Sciences, Full-Scale, and Physics.



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Send résumé to Le Directeur, Département de physique, Université de Montréal, Case postale 6128, Montréal 3, Canada.

At PHYSICS TODAY

Oppenheimer Reprint

We will be reprinting "A Memorial to Oppenheimer," which appeared in our October issue and making it available for sale from our office.

Education Reprint

The article section of our March 1967 special issue on Introductory Physics Education is available in small quantities free.

Editorial Position

If you have some knowledge of science and magazines, we may need you on our staff.

The Editor, *Physics Today*

MAY 1968

(Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1) [1/15] 2/68

Topics will include properties of clean surfaces, metal and gas epitaxy, experimental and theoretical work.

12-18 Universal Aspects of Atmospheric Electricity □ AFRL □ Tokyo (Capt. J. H. Shock) 10/67

13-17 Applied Spectroscopy □ SOCIETY FOR APPLIED SPECTROSCOPY □ Chicago (E. Lanterman) [1/15] 10/67

14 Philosophy of Science □ BOSTON U. □ Boston (R. S. Cohen) 12/67

14-16 • Silicon Carbide □ AFRL □ University Park, Pa. (J. W. Faust, 1-112 Research Building, Penn. State U., University Park, Pa. 16802) 2/68

14-17 Quantum Electronics □ JOINT COUNCIL ON QUANTUM ELECTRONICS □ Miami, Fla. (R. W. Terhune) [1/8] 10/67

20-24 Neutron Inelastic Scattering □ IAEA □ Copenhagen, Denmark (J. Dolnicar) [12/20] 12/67

25-31 Economics of Nuclear Fuels □ IAEA □ Gottwaldov, Czechoslovakia (J. H. Kane) [12/15] 1/68

27-31 Thermionic Electrical Power Generation □ EUROPEAN NUCLEAR ENERGY AGENCY □ Stresa, Italy (European Nuclear Energy Agency) [12/15] 10/67

JUNE 1968

3-6 Atomic Physics □ NEW YORK U □ New York (V. W. Hughes) (by invitation) 11/67

9-13 Radioisotopes □ AMERICAN NUCLEAR SOCIETY □ Toronto (D. G. Hurst) [1/31] 1/68

10-13 Vacuum Metallurgy □ AMERICAN VACUUM SOCIETY □ Beverly Hills, Calif. (L. W. Sink) 11/67

10-14 • X-Ray Spectroscopy Clinic □ STATE UNIVERSITY OF NEW YORK AT ALBANY □ (H. Chessin, physics dept., SUNYA, 1223 Western Ave., Albany, N. Y. 12203) 2/68

This clinic will develop basic theory and techniques starting from elementary principles. Lectures and laboratory experiments will be held.

11-14 Optimization □ SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS □ Toronto (P. Wolfe) [4/1] 1/68

12-14 Communications □ IEEE □ Philadelphia (L. Winner) [1/15] 1/68

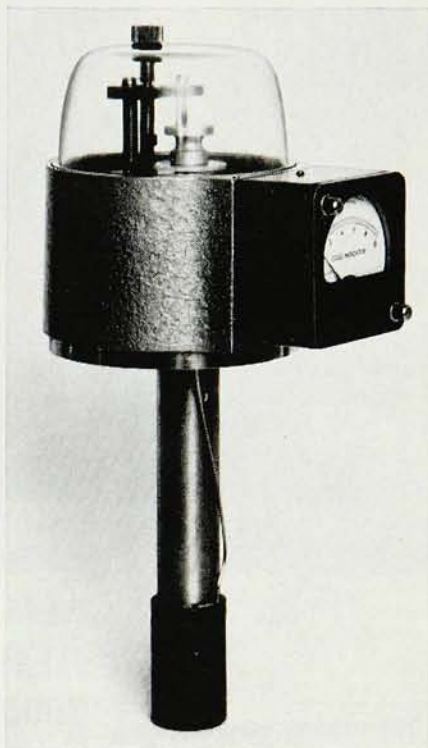
16-20 □ HEALTH PHYSICS SOCIETY □ Denver, Colo. (W. R. Hendee) [2/1] 10/67

17-19 □ APS □ Los Alamos, N. M. (W. Whaling) 10/67

19-21 Structure and Chemistry of Solid Surfaces □ LAWRENCE RADIATION LABORATORY □ Berkeley, Calif. (C. V. Peterson) 1/68

23-28 Power Conference □ IEEE □

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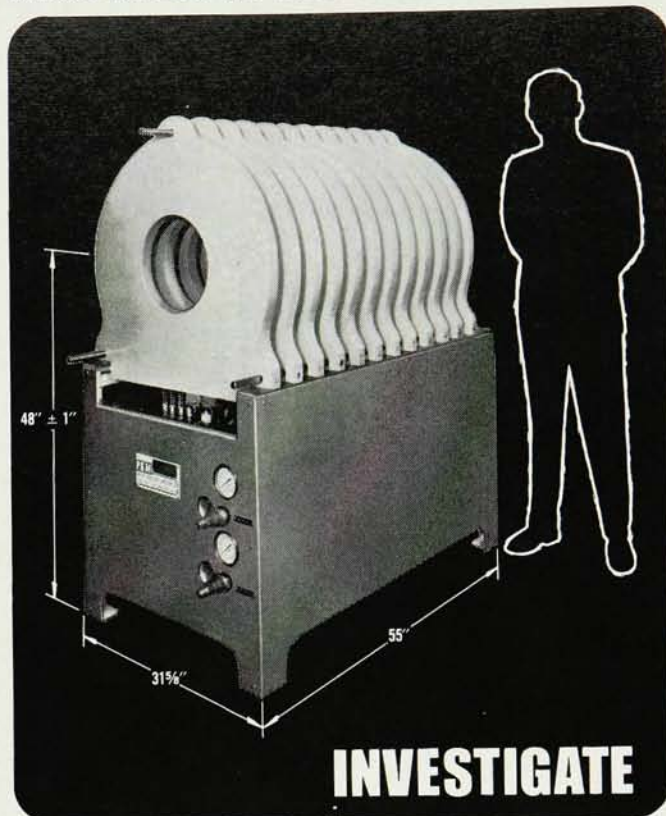
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Chicago (J. F. Bracken) [2/9] 1/68

24-27 • **Bioastronautics and Exploration of Space** □ US AIR FORCE, MEDICAL DIVISION □ San Antonio, Tex. (J. Harmon, PO Box 2296, San Antonio, Tex. 78206) 2/68

25-28 **Precision Electromagnetic Measurements** □ IEEE-NBS □ Boulder, Colo. (G. Goulette) [2/12] 12/67

JULY 1968

1-31 **Theoretical Biology and Biophysics** □ AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES □ Northwestern Michigan College, Traverse City, Mich. (H. J. Morowitz) [2/15] 12/67

8-10 **Marine Technology** □ MARINE TECHNOLOGY SOCIETY □ Wash., D. C. (F. Masters) 1/68

8-11 **Nuclear Magnetic Resonance** □ FORD FOUNDATION-U. OF SÃO PAULO □ São Paulo, Brazil (L. W. Reeves) [4/20] 1/68

10-12 • **Competing Spectrochemical Techniques** □ IPPS □ Keele, Germany (Meetings Officer, IPPS, 47 Belgrave Sq., London, SW 1) [4/19] 2/68

The conference will highlight the areas of overlap among spectrochemical techniques and compare and contrast alternative techniques.

14-20 • **Combustion** □ COMBUSTION INSTITUTE □ U. of Poitiers, France (M. W. Evans, Stanford Research Institute, Menlo Park, Calif. 94025) [12/14] 2/68

15 (through Sept. 8) **Nuclear Physics** □ U. OF GRENOBLE □ Les Houche, Haute-Savoie France (C. Dewitt) [3/1] 1/68

15-18 **Electrical Contact Phenomena** □ IPPS □ University College of Swansea, Wales (Meetings Officer, IPPS) [2/1] 10/67

15-18 • **Orbital-Electron Capture** □ HUNGARIAN ACADEMY OF SCIENCES □ Debrecen, Hungary (R. W. Fink, Georgia Institute of Technology, Atlanta, Ga. 30332) 2/68

Topics: capture ratios at the different atomic shells, electron capture-positron emission ratios, internal bremsstrahlung, accompanying electron capture and beta decay, two-quantum transitions, monoenergetic positron emission.

15-19 **Crystal Growth** □ AFCRL □ Birmingham, England (C. S. Sahagian) 12/67

22-26 **Rarefied Gas Dynamics** □ MASSACHUSETTS INSTITUTE OF TECHNOLOGY □ Cambridge, Mass. (Symposium secretary Rm. 37-412 aeronautics and astronautics dept., Massachusetts Institute of Technology) [12/31] 11/67

23-29 **Physics of Semiconductors** □ IUPAP □ Leningrad, USSR (A. R. Regel) [2/1] 12/67

24-30 **Magnetohydrodynamic Production of Electricity** □ IAEA □ Warsaw, Poland (M. V. Tcherniline) [4/2] 12/67

AUGUST 1968

1-7 **Plasmas and Controlled Nuclear Fusion** □ IAEA □ Novosibirsk, USSR (J. H. Kane) [1/15] 1/68

6-15 **Medical Radioisotope Scintigraphy** □ IAEA □ Salzburg, Austria (G. J. Hine & H. Vetter) [3/1] 11/67

7-9 **Ellipsometry** □ U. OF NEBRASKA □ Lincoln, Neb. (N. M. Bashara) 9/67

12-16 □ ACA □ Buffalo, N. Y. (D. Harker) 10/67

12-16 • **Liquid Crystals** □ KENT STATE U. □ Kent, Ohio (G. H. Brown, Liquid Crystal Institute, Kent State U., Kent, Ohio 44240) [5/1] 2/68

21-23 □ AAS □ University of Victoria, Victoria, B. C., Canada (G. C. McVittie) 11/67

21-23 **Applications of X-Ray Analysis** □ DENVER RESEARCH INSTITUTE □ U. of Denver, Colo. (J. B. Newkirk) 10/67

21-28 **Low Temperature Physics** □ U. OF ST. ANDREWS □ St. Andrews, Scotland (D. M. Finlayson) 10/67

26-31 **Applied Mechanics** □ STANFORD U. □ Stanford, Calif. (C. R. Steele) [2/2] 10/67

26-30 **Reactivity in Solids** □ INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY □ Schenectady, N. Y. (R. W. Roberts) 10/67

27-30 **Molecular Luminescence** □ LOYOLA U. □ Chicago (E. C. Lim) 1/68

SEPTEMBER 1968

3-6 **Macromolecular Chemistry** □ INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY □ Toronto (Organizing Committee) 1/68

3-6 • **Light Scattering in Solids** □ NEW YORK U. □ New York (J. Birman, Physics Dept. NYU, University Heights, Bx., N. Y. 10453) [3/15] 2/68

4-6 **Physics and Chemistry of Electrophotography** □ INSTITUTE OF OPTICS, U. OF ROCHESTER □ Rochester, N. Y. (W. L. Hyde) [6/1] 1/68

9-12 • **Elementary Particles** □ IPPS □ London (Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1) 2/68

Topics: wide-angle and inelastic scattering, neutrino interactions, Regge poles, form factors, high symmetries, CP invariance, theoretical developments.

9-14 • **Arnold Sommerfeld Centennial Memorial Meeting and Symposium on Physics of One- and Two-Electron Atoms** □ IUPAP □ Munich, Germany; for memorial session: (F. Bopp, *Sektion physik, Universität München, 8000 München 13, Schellingstrabe 2-8/III*) 2/68; for symposium: (H. Kleinpoppen, *JILA,*

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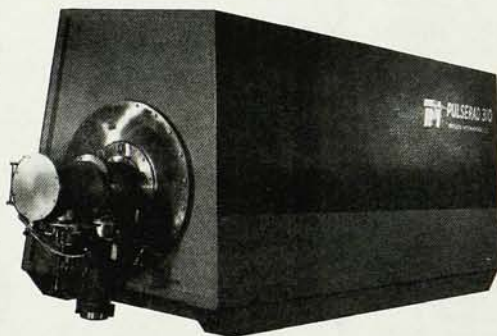
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University of Colorado, Boulder,
Colo. 80302) 2/68

Areas of interest to the symposium include atomic constants and spectroscopy, collision processes and applications in astrophysics. The Arnold Sommerfeld Centennial Memorial Meeting will be held in conjunction with the symposium.

- 9-14 **Statistical Mechanics** ☐ IUPAP ☐
Tokyo (R. Kubo) 1/68
- 10-15 **Magnetic Oxides** ☐ INSTITUTE OF
PHYSICS OF THE ACADEMY OF SR
ROMANIA ☐ Bucharest, Romania
(M. Rosenberg) 10/67
- 11-13 **Physical Aspects of Noise in
Electronics** ☐ IPPS ☐ (Meetings
Officer, IPPS) [5/31] 1/68
- 16-21 ☐ 15TH AMPERE COLLOQUIUM ☐
St. Martin d'Hères, France (P.
Averbuch) 9/67
- 16-18 **Laser Measurements** ☐ INTERNA-
TIONAL SCIENTIFIC RADIO UNION
☐ Warsaw, Poland (S. Hahn)
[2/1] 10/67
- 23-27 **Vacancies and Interstitials in
Metals** ☐ IUPAP ☐ Jülich, Ger-
many (W. Schilling) [5/15]
11/67
- 25-27 **Stresses in Composite Materials**
☐ IPPS ☐ Cranfield, England
(Meetings Officer, IPPS) [12/1]
1/68
- 25-27 • **Ultrasonics** ☐ IEEE ☐ New York
(F. M. Smits, Bell Telephone
Laboratories, Mountain Ave.,
Murray Hill, N. J. 07971) [7/15]
2/68

OCTOBER 1968

- 8-11 ☐ OSA ☐ Pittsburgh, Pa. (M. E.
Warga [7/8] 11/67
- 14-18 • **Packaging and Transportation of
Radioactive Materials** ☐ ORNL-
AEC ☐ Gatlinburg, Tenn. (K. W.
Haff, P. O. Box X, Oak Ridge
National Laboratory, Oak Ridge,
Tenn. 37830) [1/1] 2/68

Topics: new transport regulations, national and international shipment operations, unirradiated fissile material shipping containers, isotope and/or spent fuel shipping containers.

- 28-31 **Instrumentation** ☐ INSTRUMENT
SOCIETY OF AMERICA ☐ New
York (O. W. Williams) [2/1]
1/68

DECEMBER 1968

- 2-4 • ☐ AMERICAN GEOPHYSICAL UNION
☐ San Francisco (J. C. Harrison,
geological science dept., U. of
Colorado, Boulder, Colo. 80302)
[10/1] 2/68
- 16-20 **Relativistic Astrophysics** ☐
SOUTHWEST CENTER FOR AD-
VANCED STUDIES ☐ Dallas (I.
Robinson) 9/67
- 18-20 • ☐ APS ☐ San Diego (W. Whal-
ing, Calif. Inst. of Technology,
Pasadena, Calif. 91109) [10/15]
2/68 ☐