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FOREWORD

The December issue of the URSI Information Bulletin has long included the names and addresses of the Officers of URSI and of the Member Committees of the Union. On the recommendation of the General Assembly in 1978, the addresses of members of various Working Groups and Committees have now been added.

The June 1979 issue will contain corrections and additions to the present lists. Member Committees which have not yet provided full information are requested to do so as soon as possible so that the records in the URSI Secretariat will be complete.

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INTERNATIONAL GEOPHYSICAL CALENDAR 1979

The Operational Edition of the Calendar (see following pages) has been issued by the International Ursigram and World Days Service (IUWDS) and copies are available on request from

Dr. P. Simon,
Ursigrammes Observatoire,
F - 92190 Meudon, France,

or

Miss J.V. Lincoln,
WDC-A for Solar-Terrestrial Physics,
NOAA,
Boulder, Colorado 80303, USA.

On the back of the Calendar, there is a summary (not reproduced here) of the recommended observational programmes in various branches of atmospheric physics and in studies of certain interplanetary phenomena.

International Geophysical Calendar for 1979

(See other side for information on the use of this Calendar)

JANUARY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24*	25*	26	27
28	29	30	31			

FEBRUARY

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27*	28*			

MARCH

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28*	29*	30	31

APRIL

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25*	26*	27	28
29	30					

MAY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23*	24*	25	26
27	28	29	30	31		

JUNE

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20*	21*	22	23
24	25	26	27	28	29	30

JULY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24*	25*	26	27	28
29	30	31				

AUGUST

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22*	23*	24	25
26	27	28	29	30	31	

SEPTEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19*	20*	21	22
23	24	25	26	27	28	29

OCTOBER

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
[21]	[22]	23*	24 ^h	25	26	27
28	29	30	31			

NOVEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	[17]
18	19	20*	21*	22	23	24
25	26	27	28	29	30	

DECEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	[13]	[14]	[15]
16	17	18	19*	20*	21	22
[23]	24	25	26	27	28	29
30	31					

JANUARY 1980

S	M	T	W	T	F	S
		1	2	[3]	[4]	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

⑩ Regular World Day (RWD)

24* Dark Moon Geophysical Day (DMGD)

⑪ Priority Regular World Day (PRWD)

[5, 6] World Geophysical Interval (WGI)

⑫ Quarterly World Day (QWD)
also a PRWD and RWD

[25, 26] Airglow and Aurora Period

⑬ Regular Geophysical Day (RGD)

[3, 28] Day with unusual meteor shower activity,
Northern, [, or Southern,] Hemisphere

[26] Day of Solar Eclipse

NOTES:

1. N-MAC (noon-midnight auroral correlations) periods are: Jan. 21-Feb. 3, Feb. 19-Mar. 4, Mar. 19-Apr. 1, Sep. 16-Oct. 2, Oct. 15-30, Nov. 13-28, 1979.
2. IAGA/URSI Working Group on Passive Electromagnetic Probing of the Magnetosphere international campaign Jun. 18-Jul. 15, 1979.
3. Special observing periods for FGGE are Jan. 5-Mar. 5 and May 1-Jun. 30, 1979.
4. STIP Interval VI rehearsal for SMY, Apr. 15-May 15, 1979.
5. STIP Interval VII (Spacecraft Parade) Aug.-Sep. 1979.
6. Flare Buildup Study test interval May-Jun. 1979.

OPERATIONAL EDITION, August 1978.

see other side

BIOELECTROMAGNETICS

Seattle, 18-22 June 1979

The Bioelectromagnetics Society and the URSI Committee in the USA will cosponsor the Bioelectromagnetics Symposium to be held at the University of Washington, 18-22 June 1979.

Papers are invited on, for example, the following topics:

- Behavioral effects
- CNS effects
- Diagnostic applications
- Dosimetry
- ELF effects
- Exposure systems and instrumentation
- Acoustic energy effects
- Static and modulated magnetic field effects
- Hyperthermia and therapeutic applications
- Immunological and hematopoietic effects
- Macromolecular and cellular effects
- Mutagenic and developmental effects
- Sensory effects
- Thermometry
- Static electric field effects.

Summaries and abstracts must be received at the following address by 16 February 1979:

Professor Akira Ishimaru,
1979 AP-S/National Radio Science
Technical Program Chairman,
c/o Department of Electrical Engineering,
FT-10,
University of Washington,
Seattle, Washington 98195,
USA.

Enquiries about the programme should be addressed to:

Professor A.W. Guy,
Technical Program Committee Chairman,
Bioelectromagnetics Symposium,
c/o Department of Rehabilitation Medicine,
University of Washington School of Medicine,
Seattle, Washington 98195, USA.

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PRECISION ELECTROMAGNETIC MEASUREMENTS

The biennial Conference on Precision Electromagnetic Measurements will be held from 23 to 27 June 1980 in Braunschweig, F.R. Germany and is being organised by the Physikalisch-Technische Bundesanstalt.

Lectures and discussions will deal with the realisation and maintenance of electrical units; DC and AC measuring procedures; HF and microwave measuring techniques used in studies of antennas and fields; time and frequency measurements; laser measuring techniques; automatic and computer-aided techniques. Two new fields will be included: fibre optics and cryo-electronics.

The best paper submitted on electrical precision measuring techniques will be awarded the Helmholtz Prize '80 of DM 5,000.- An exhibition of precision measuring instruments is being planned.

Further information is available from

Prof. Dr. H. Capptuller,
Physikalisch-Technische Bundesanstalt,
Bundesallee 100,
D - 3300 Braunschweig, F.R. Germany.

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INFORMATION THEORY

The Fifth International Symposium on Information Theory (ISIT-5) will be held at Tbilisi, USSR in July 1979. It is sponsored by the USSR and the Georgian SSR Academies of Science.

The programme will include papers on mathematical problems of information theory; coding and processing of sources and images; error-correcting codes; statistical theory of signals and noise; multi-component stochastic systems; sources and channel networks.

Further information is available from

Organising Committee ISIT-5,
Academy of Sciences,
19 Ermolovoi St.,
Moscow 103051, USSR.

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ELECTROMAGNETIC COMPATIBILITY

Rotterdam, 1-3 May 1979

This biennial event was preceded by the two successful Montreux Symposia in 1975 and 1977. It will deal with problems of the interaction of electromagnetic energy with electronic and biological systems, and with the immunity of electronic systems to interference, as well as with their compatibility in relation to the electromagnetic environment.

The Symposium will be inaugurated by Dr. Ph. Leenman, Director General of the Dutch PTT on 1 May. The Keynote Address will be given by Mr. G.H. Hagn (Chairman of URSI Commission E) who will speak on "Key Scientific Notes in EMC for 1979". Thereafter, there will be three parallel sessions on Magnetic fields, Biological effects, Spectrum management, Electromagnetic fields, and Immunity and susceptibility.

On 2 May the subjects will be Nuclear electromagnetic pulse (NEMP), Shielding, Predicting RFI effects in integrated circuits, and Communications and cables. There will be a special URSI Session on Modelling and measuring noise and interference.

On 3 May the subjects will be Effects of NEMP and lightning, EMI effects of power lines and systems, Measuring methods and production testing, Frequency analysis, synchronization and filtering, and Ignition and gas-discharge noise.

As usual several workshops are being arranged so as to provide ample time for discussion, and there will be several technical excursions and social events.

The 600-page Proceedings will contain the full text of 120 papers and will be available to participants on registration. The Registration Fee is 270 Dutch florins. Further information about the Symposium is available from

Dr. T. Dvorak,
ETH Zentrum - HF,
CH - 8092 Zurich, Switzerland.

During the Symposium, there will be a Technical Exhibition of instruments relevant to the field of EMC.

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NAMES AND ADDRESSES

URSI OFFICERS
AND
OFFICERS OF MEMBER COMMITTEES

An alphabetical index of names, with page reference, is reproduced at the back of this Bulletin.

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Prof. W. Dieminger (FR Germany)
Mr. J.A. Ratcliffe (UK)
Dr. R.L. Smith-Rose (UK)

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Working Group on Precipitation

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- G.1 Ionospheric Network Advisory Group (INAG)
Chairman: Dr.W.R. Piggott (UK)
Vice-Chairman: Miss J.V. Lincoln (USA)
- G.2 Data Processing in Ionospheric Research
Chairman: Dr. J.W. Wright (USA)
- G.3 Southern Hemisphere Atmospheric Studies Group (SHASG)
Co-Chairmen: Prof.J.A. Gledhill (South Africa) and
Prof. S. Radicella (Argentina)
- G.4 International Reference Ionosphere (IRI)
Chairman: Prof. K. Rawer (FR Germany)
- G.5 True-height Reduction Techniques
Chairman: Dr. L.F. McNamara (Australia)
- G.6 Ionospheric Knowledge needed to improve Radio-communication
Chairman: Dr. C.M. Rush (USA)
- G.7 Ionospheric Mapping
Chairman: Mr. E. Neske (FR Germany)

G.8 Incoherent Scatter

Chairman: Dr. P. Bauer (France)

G.9 Abnormal Ionospheric Propagation

Chairman: Mr. C.G. McCue (Australia)

G.10 International Digital Ionosonde Group (IDIG)

Co-Chairmen: Dr. K. Bibl (USA) and Dr. J.W. Wright (USA)

Secretary: Dr. J.R. Dudley (UK)

G.11 Panel on Southern Hemisphere Incoherent Scatter Facility

Chairman: Prof. J.A. Gledhill (South Africa)

Inter-Union Working Groups
(URSI-IUGG/IAGA)

Structure and Dynamics of the Thermosphere, Ionosphere and Exosphere

Chairman: Dr. J.V. Evans (USA)

Neutral and Ion Chemistry and Solar Fluxes

Chairman: Dr. L. Thomas (UK)

Vice-Chairman: Dr. A.D. Danilov (USSR)

Commission H - Waves in Plasmas

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Vice-Chairman: Dr. M. Petit (France)

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Ireland, Republic of:
Israel: Prof. A. Eviatar
Italy: Dr. G. Perona
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Peru:
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South Africa: Prof. A.D.M. Walker
Spain:
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Switzerland: Prof. Dr. E. Schanda
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United Kingdom: Dr. J.O. Thomas
USA: Dr. R.W. Fredricks
USSR: Dr. V.I. Aksenov
Yugoslavia:

Working Groups

H.1 Wave Analysis

Co-Chairmen: Dr. D. Jones (UK) and Prof. J.-I.
Lacoume (France)

H.2 Active Experiments

Chairman: Dr. C.T. Russell (USA)

Inter-Union Working Groups (URSI-IUGG/IAGA)

Passive Electromagnetic Probing of the Magnetosphere

Chairman: Dr. D. Carpenter (USA)

Wave Instabilities in Space Plasmas

Co-Chairmen:

Commission J - Radio Astronomy

Chairman: Prof. H. Tanaka (Japan)

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