

LONDON
INTERNATIONAL
YOUTH
SCIENCE
FORTNIGHT

PROGRAMME ARRANGEMENTS

1971

The London International
Youth Science Fortnight

The aim of the Fortnight is to give a deeper insight into science and its applications for the benefit of mankind, and to develop a greater understanding between young people of all nations.

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Director

Welcome to the
Science Fortnight!

One of the largest meetings of young people taking place in Britain where the participation is truly international. That sums up the Science Fortnight on which you are now embarking.

It is certainly the wish of the Council for INTERNATIONAL CONTACT that you will find your visit to London stimulating and enjoyable. I am sure that the programme with its firm basis of appraisal of scientific development and its implications will challenge and interest you.

Whilst you are attending the Science Fortnight members of over ninety other groups will be taking part in courses and projects set up under the aegis of CIC. Our involvement with international exchanges is extensive and covers in excess of 6,500 people each year in travel projects.

The motivation behind our work is the promotion of international understanding. Contact between people in our view is the key to success. That is why I am sure that the lasting memories of this visit to London will be of the people you met, those with whom you discussed and argued late into the night. I hope that you will stick to your own principles, but that you will, at least, return to your home with a deeper respect for the attitudes and views of others. I wish you a pleasant Fortnight.

Eric N. Matthews ALCM,
Chairman

The Council for
INTERNATIONAL CONTACT

The Council for
INTERNATIONAL CONTACT

The Science Fortnight is a constituent part of a programme of international events aimed to bring together young people of all nations organised annually by The Council for INTERNATIONAL CONTACT.

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(Membership of the Praesidium is open to the Heads of Diplomatic Missions of countries represented at the Fortnight).

Their Excellencies:

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The Austrian Ambassador
The Belgian Ambassador
The High Commissioner for Canada
The Danish Ambassador
The French Ambassador
The Ambassador of the Federal Republic of Germany
The High Commissioner for India
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The Ambassador of the United Arab Republic
The Ambassador of the United States of America
The Ambassador of the Union of Soviet Socialist Republics
The Venezuelan Ambassador
The Yugoslav Ambassador

The Rt. Hon. The Secretary of State for Foreign and Commonwealth Affairs
The Rt. Hon. The Secretary of State for Education and Science
The Rt. Hon. The Minister of Technology

Residential Staff
of the
Thirteenth London
International
Youth Science
Fortnight

Commonwealth Hall
Cartwright Gardens
London WC1

Host

Linda Reeve

Deputy Host
(Entertainments Officer)

Dino Costa

Counsellor

Christine Hughes

Passfield Hall
Endsleigh Place
London WC1

Host

Susan Gledhill

Deputy Host

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College Hall
Malet Street
London WC1

Host

Axel Goldacker

Deputy Host

Linda Harris

Counsellor
(Personal Assistant to the Director)

Brian Meechan

Chief of Staff

John D. Milman

Communication without Comprehension

A study of small children at play will show that whilst ostensibly they are an integrated group, that in terms of communication they are in fact an unrelated number of individuals. Conversation related to the exchange of ideas and the shaping of opinion as a result of the views of others is non-existent.

Paradoxically it may seem that such a situation is the true appraisal of the intercourse of nations at the highest level and that our era of instant communications is a facade.

National self interest, racial self interest, intolerance (known in some localities as independence) and the basic fears of hunger and want all too often outweigh reasoned judgements and preclude practical communication of knowledge and techniques.

The conquest of these preconceived stands and inbred anxieties is what the Science Fortnight is about.

For more than a decade the Fortnight has been gently buffeted along. It has been a ready platform for any seriously motivated pressure group concerned with communicating its beliefs and "pecking order" of priorities for the future of mankind. It has given these platforms willingly, but it has never given them in toto. The Fortnight's strength has always been its participants and they have given a fair 'roasting' to more than one pressure group, both in question and debate and in residual attitudes long after the participants have dispersed to their homes.

No two Fortnights are entirely the same in their format—in our concept of instant communication could any realistic and relevant annual meeting be so—but equally one basic principle remains inviolable: The programme provides information and demonstrates trends. It communicates ideas and shows developments. It answers no questions, resolves nothing and binds no one to any specific view. It never will—and if it tries to do so it will fail and finish.

What the people who plan and run it do hope, however, is that its participants will advance beyond the mental state of the four year olds described in the first paragraph. The only answer to mankind's dilemma must surely be a willingness to listen and to learn: To co-operate for the benefit of mankind and to conserve for its future.

Disease and hunger do not pause to query the colour of a man's skin, the tongue he speaks, or his nationality, before they strike. And yet we listen to reports of such calamities and calumnies from our privileged position—and anyone who gets to London for the Science Fortnight IS privileged—and we learn nothing of the reality that it is *our* species in *our* world that is in danger of extinction. When will we ever learn ?

George McGowan
Director

July, 1971
London International
Youth Science Fortnight

DAILY PROGRAMME

Wednesday 28 July	2000	Arrivals Orientation and Briefing (in Halls of Residence)
Thursday 29 July	1100	*Opening Ceremony
	1400	Introduction to Seminars
	2000	Welcome Ball (at the Empire Rooms)
Friday 30 July	1000	*Lecture: What is Water?
	1400	*Theme Related Films
	2000	Topics for Tonight (in Halls of Residence)
Saturday 31 July	1000	Group A: London Tour Group B: Science Museum Visit
	1400	Group A: Science Museum Visit Group B: London Tour
	2000	Optional Theatre and Concert Visits
Sunday 1 August	1000	Optional Excursions to Stratford on Avon Windsor and Oxford Salisbury and Stonehenge Greenwich by River
	2000	Scientific Films (in Commonwealth Hall)
Monday 2 August	1000	*Forum: Water—Source of Life
	1400	Topics for Tonight (in Halls of Residence)
Tuesday 3 August	1000	Seminars A, B, C and D Group B: Visit to Shell Centre
	1400	Seminars E, F, G and H Group A: Visit to Shell Centre
	2000	*Sir Peter Runge Memorial Lecture

All events scheduled after 1800 are optional

Wednesday 4 August	2000	Visits to Industrial and Research Establishments Participants' Topics (in Halls of Residence)
Thursday 5 August	1000	*Lecture: Prevention & Control of Marine Pollution
	1400	Seminars
	2000	Under Fire—The Science Fortnight Staff (in Halls of Residence)
Friday 6 August	1500	Half Day Visits to Industrial and Research Establishments *Lecture: Selection by Aptitude and Motivation
	2000	Soiree Internationale (at St. Pancras Assembly Rooms)
Saturday 7 August	1000	*Lecture: Opening up Alaska
	2000	International Folk Evening in Passfield Hall
Sunday 8 August	1000	Optional Excursions to Stratford on Avon Cambridge and Ely Chartwell and Canterbury Kew Gardens by River
	2000	Scientific Films (in Passfield Hall)
Monday 9 August	1000	*Forum: Social Implications—
	1400	Scientific Progress
	2000	Seminar Reports
Tuesday 10 August	1000	*Participants Forum: Reflections and Assessments Closing Address
	2000	Farewell Ball (at the Empire Rooms)
Wednesday 11 August		Departures

*Events marked thus take place at the Institution of Electrical Engineers, Savoy Place, London, WC2

SEMINAR TITLES AND SPEAKERS

SEMINAR A	"Synthetic Materials—Uses and Abuses"	R. Nye
SEMINAR B	"Fuels for the World"	E. Newland
SEMINAR C	"Using Space"	Professor G. Brown
SEMINAR D	"Food in the Future"	B. Pinsent
SEMINAR E	"Traffic in Towns"	R. M. Longstaff
SEMINAR F	"Environmental Exploitation: Scars and Solutions"	R. Mitchell
SEMINAR G	"Chemical Controls"	J. Adcock
SEMINAR H	"Aims and Methods of Research"	Dr. M. Johnson

TOPICS FOR TONIGHT

Friday, 30 July, 1971.

1	"Thinking Machines?"	R. Gledhill	Commonwealth Hall
2	"Genes in the Future of Mankind"	Dr. F. Neal	College Hall
3	"Inventions and Creativity"	P. Howden	College Hall
4	"Urban Sprawl: Rural Museums or Revolt?"	P. Hutchinson	Passfield Hall

Monday, 2 August, 1971.

1	"Prophylaxis or Cure"	Dr. F. Neal	Commonwealth Hall
2	"Populate and Perish?"	Miss S. Mitchell	College Hall
3	"Engineering: Economic or Aesthetic"	R. Davies	College Hall
4	"Made to Measure People"	R. Gledhill	Passfield Hall

VISITS TO RESEARCH AND INDUSTRIAL ESTABLISHMENTS

4 August, 1971

Beecham Research Laboratories, Betchworth, Surrey
Beecham Research Laboratories, Harlow, Essex
BP Refinery (Kent) Ltd.
BP Research Centre, Sunbury, Middlesex
Central Electricity Generating Board Laboratories, Leatherhead, Surrey
Central Electricity Generating Board, Bradwell, Essex
Central Electricity Generating Board, Fawley, Hampshire
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The Grassland Research Institute, Nr. Maidenhead, Berkshire
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University of Cambridge School of Veterinary Medicine
George Wimpey and Company Limited, Central Laboratory

VISITS TO RESEARCH AND INDUSTRIAL ESTABLISHMENTS

6 August, 1971

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Northern Ireland

The Ministry of Education in Association with the Counties and County Boroughs of
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The aim of the Fortnight is to give a deeper insight into science and its applications for the benefit of mankind, and to develop a greater understanding between young people of all nations.

The London International Youth Science Fortnight

Acknowledgements

We are deeply indebted to

The Council and Staff of the Institution of Electrical Engineers for their unfailing courtesy and consideration and for allowing their premises to be the home of the Fortnight. We are delighted to offer our congratulations to the Institution on the hundredth anniversary of its foundation.

The Speakers, Lecturers, Seminar and Discussion Group Leaders who give so freely of their time, and in many cases for their continued interest.

The numerous companies, research establishments and educational institutions who so kindly receive our groups, and explain their work and activities.

The Shell International Petroleum Company Ltd., through Miss I Williamson for its assistance with programme arrangements and also for providing facilities for meetings of the Science Fortnight Advisory Committee.

The Wardens, Bursars and Staff of the Halls of Residence where participants are accommodated for their patience and cheerful response to our many demands.

Messrs. Silverline Coaches, and in particular Mr. E. Torlot, for their co-operation in the provision of all transport facilities throughout the Fortnight.

The various sponsors who annually contribute to the Scholarship Fund to enable participants from Commonwealth and Developing Countries to attend the Fortnight, and thereby greatly increase the areas covered by the Fortnight's recruitment.

The Advisory Committee of the Science Fortnight, and especially the Programme Group, for assistance in planning and in the smooth running of the Fortnight.

Barclays Bank Limited for the generous provision of document cases, clip boards and pens for the use of all participants. The provision of these items will greatly simplify the retention of documents and the taking of notes throughout the Science Fortnight.

Mr. Peter Tennant, CMG, OBE of the British National Export Council for his assistance in continuing the late Sir Peter Runge's appeal to industry for funds for scholarships for participants from Commonwealth and developing countries.

IBM United Kingdom Limited for financing the costs of this programme.

The many other individuals who assist, both in this country and throughout the world, not least the Staff of the Council for INTERNATIONAL CONTACT.

Without the generous assistance of all of those, and of others inadvertently omitted, the concept of the Science Fortnight would be an impossible dream.

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The Science Fortnight is a constituent part of a programme of international events aimed to bring together young people of all nations organised annually by The Council for INTERNATIONAL CONTACT.

The Fourteenth International Youth Science Fortnight will take place in London from 26 July to 7 August, 1972.

The Council for
INTERNATIONAL CONTACT

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