

Participants in
Third Pugwash Conference of Nuclear Scientists
Kitzbuhel-Vienna, Austria, September 14-21, 1958

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Yugoslavia

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Beograd, Yugoslavia

APPENDIX

APPENDIX I

List of those attending the first Pugwash Conference at Pugwash, Nova Scotia, July 6 to 11, 1957:

M. L. E. Oliphant (physics) Australia.
H. Thirring (physics) Austria.
G. Brock Chisholm (psychiatry) Canada.
John S. Foster (physics) Canada.
Chou Pei Yuan (physics) China.
A. M. B. Lacassagne (medicine) France.
C. F. Powell (physics) Great Britain.
J. Rotblat (physics) Great Britain.
I. Ogawa (physics) Japan.
H. Yukawa (physics) Japan.
S. Tomonaga (physics) Japan.
M. Danysz (physics) Poland.
D. F. Cavers (law) U.S.A.
L. Szilard (physics) U.S.A.
H. J. Muller (genetics) U.S.A.
P. Doty (chemistry) U.S.A.
E. Rabinowitch (biophysics) U.S.A.
W. Selove (physics) U.S.A.
V. Weisskopf (physics) U.S.A.
A. M. Kuzin (biophysics) U.S.S.R.
D. F. Skobeltzyn (physics) U.S.S.R.
A. V. Topchiev (chemistry) U.S.S.R.¹

List of those attending the second Pugwash Conference at Lac Beauport, Quebec, March 31 to April 11, 1958:

Prof. M. L. Oliphant, Australia.
Prof. Cyrius Ouellet, Canada.
Sir Robert Watson-Watt, Canada.
Prof. Chou Pei Yuan, Peoples Republic of China.
Prof. Bernard Gregory, France.
Prof. C. F. von Weizsacker, Germany.
Sir Charles G. Darwin, Great Britain.
Prof. C. F. Powell, Great Britain.
Prof. J. Rotblat, Great Britain.
Prof. C. H. Waddington, Great Britain.
Prof. A. M. Kuzin, Soviet Union.
Academician D. F. Skobeltzyn, Soviet Union.
Academician A. V. Topchiev, Soviet Union.
Academician A. P. Vinogradov, Soviet Union.
Prof. John Edsall, United States.
Prof. Morton Grodzins, United States.
Mr. William A. Higinbotham, United States.
Col. Richard S. Leghorn, United States.
Prof. Linus Pauling, United States.
Prof. Eugene Rabinowitch, United States.
Prof. Leo Szilard, United States.
Prof. Jerome B. Wiesner, United States.²

¹ Bulletin of the Atomic Scientists, September 1957, p. 248.

² Bulletin of the Atomic Scientists, May 1958, p. 195.

List of those attending the third Pugwash Conference at Kitzbuhel, Austria, September 14 to 19, and at Vienna, September 20, 1958:

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| Australia : | Japan—Continued |
| M. L. E. Oliphant | Schoichi Sakata |
| Austria : | Hideki Yukawa |
| Hans Thirring | Netherlands : |
| Canada : | B. R. A. Nijboer |
| Brock Chisholm | Norway : |
| Robert Watson-Watt | Gunnar Randers |
| Czechoslovakia : | Poland : |
| Viktor Knapp | Leopold Infeld |
| J. Kožefník | U.S.A. : |
| Denmark : | Harrison Brown |
| Mogens Pihl | David Cavers |
| France : | Charles Coryell |
| Daniel DuBarle | William Davidon |
| Bernard Gregory | Bernard Feld |
| J. Guéron | Bentley Glass |
| Antoine Lacassagne | Morton Grodzins |
| German Democratic Republic : | David Hill |
| Günther Rienäcker | Martin Kaplan |
| Federal Republic of Germany : | H. J. Muller |
| Max Born | Jay Orear |
| G. Burkhardt | Harry Palevsky |
| Helmut Hönl | Linus Pauling |
| Werner Kliefoth | Eugene Rabinowitch |
| Hanfried Lenz | Frederick Seitz |
| Great Britain : | Walter Selove |
| John Boyd-Orr | Leo Szilard |
| Kathleen Lonsdale | Alvin Weinberg |
| C. F. Powell | Victor Weisskopf |
| M. H. L. Pryce | Eugene Wigner |
| J. Rotblat | U.S.S.R. : |
| Bertrand Russell | N. N. Bogolubov |
| George Thomson | N. A. Dobrotin |
| Hungary : | E. K. Fedorov |
| Lajos Janossy | E. A. Korovin |
| India : | A. M. Kuzin |
| H. J. Bhabha | V. P. Pavlichenko |
| K. S. Krishnan | D. V. Skobel'tzyn |
| P. C. Mahalanobis | A. V. Topchiev |
| Italy : | V. S. Vavilov |
| E. Amaldi | A. P. Vinogradov |
| E. Boeri | Yugoslavia : |
| Japan : | Paul Savic ³ |
| Iwao Ogawa | |
| S. Tomonaga | |
| Yasuo Miyake | |

³ Bulletin of the Atomic Scientists, November 1958, p. 343.

on phasing and how you get from an arms race to a disarmed world; secondly: that the revolutionary fervour has been increased, that there is the desire to take over the noncompetitively, the result of the Chinese business has been increased, this is going to make it awfully complicated. But anyway, we have got to probe their governmental intentions, and if they really feel the way their scientists do, we are at a significant turning point in history.

Mr. RICH. Well, I think it would be hard to overestimate the importance of the forthcoming test ban negotiations. I think if they were to collapse, we would be set back considerably. On the other hand, I think if they do go through, and we set up an international controls system, I think this might very well be the nucleus of the kind of system that we will need in a world disarmament system. And so, I think we have an opportunity here and it comes at a time when our administration is changing and, I don't know, I think we must concentrate on this short-term goal immediately, and if we are able to pass this point, then there is some hope.

Mr. MARTIN. I see. Mr. Rostow, does this stimulate you to add to your—

Mr. Rostow. Well, yes; to be directly responsive, my reaction to this period in Moscow was with respect to three major things that have interested me. One, our military policy: I see no reason to change my own prior views which were that we should go as rapidly as we can at whatever expense may be necessary to a secure second strike, that is, a situation where we are not vulnerable to a surprise attack. And I would also like to see our conventional forces and their mobility increased. No change on that front. With respect to the underdeveloped areas, where I have had some interest for a long time my feeling of urgency about the United States building nonmilitary connections, it would hold up and give nonmilitary life to these people was simply increased. I had the feeling that the Cuba thing is a great tragedy because it has inflamed again the ideological hopes of the Communist movement—I think falsely in the long run, but we are going to have to prove it's false. And not only for the longrun reasons that were implicated but for very urgent reasons, including, I think, the reasons that will cause the Soviets to be more sincere about this disarmament business, I think we must increase our effort beyond what I thought would be necessary on that front.

On disarmament negotiations themselves, I here would echo Dick Leghorn; I don't think any of us, from the evidence we have, can assess the weight within total Soviet policy of the strand we were privileged to examine. But I think it's a high duty of the next administration to find out what the specific gravity of this element is, and there's only one way we are going to be able to find out; which is to develop our own arms control and disarmament plans which we can stand up before the world with confidence, which will permit us to deal with whatever propaganda element there is here, and it is certainly present, but we must also have proposals that we are prepared to live with, should they prove acceptable.

Mr. MARTIN. Well, it has been a great pleasure to hear you give these views and I think it's probably greatly encouraging to think that such thought is now being given to this problem on our side. With that, I think we probably have to leave it for the moment, aware of the many aspects of it that we haven't had time to deal with tonight.

APPENDIX VI

LIST OF PARTICIPANTS IN THE MOSCOW CONFERENCE, NOVEMBER 27 TO DECEMBER
5, 1960

Australia: Dr. J. Burton.
Austria: Prof. H. Thirring.
Canada: Prof. J. Polanyi
People's Republic of China:

Prof. Chou Pei-yuan.
Prof. Yu Kwang-yuan.
Prof. Chang Wei
Mr. Feng Ping-fu.

Czechoslovakia:

Prof. R. Brdička.
Prof. V. Husa.
Prof. V. Kopal.

France:

Dr. P. B. Gregory.
Dr. H. Marcovich.

Federal Republic of Germany:

Prof. G. Burkhardt.
Dr. E. Heimendahl.

German Democratic Republic:

Prof. H. Barwich.
Prof. H. Pose.

Hungary: Prof. I. Rusznyak.

Netherlands: Prof. B. V. A. Röling.

Poland:

Prof. K. Kumaniecki.
Prof. W. Stefanski.
Prof. P. Szulkin.

United Kingdom:

Hon. A. Buchan.
Prof. O. R. Frisch.
Prof. A. Haddow.
Sir Ben Lockspeiser.
Rt. Hon. P. Noel-Baker.
Prof. R. E. Peierls.
Prof. C. F. Powell.
Prof. J. Rotblat.

United States:

Dr. D. Brennan.
Prof. Harrison Brown.
Prof. P. Doty.
Prof. J. Edsall.
Prof. B. Feld.
Prof. G. Fischer.
Prof. D. Frisch.
Prof. Bentley Glass.
Prof. M. Grodzins.
Dr. W. Higinbotham.
Prof. D. Inglis.
Dr. A. Katz.

United States—Continued

Dr. D. Kybal.
Mr. R. Leghorn.
Prof. J. Orear.
Dr. J. Phelps.
Prof. E. Rabinowitch.
Prof. A. Rich.
Prof. W. Rostow.
Prof. T. O. Schelling.
Prof. L. Sohn.
Prof. L. Szilard.
Mr. Robert Watson-Watt.
Prof. J. Wiesner.

U.S.S.R.:

Academician A. V. Topchiev.
Academician E. K. Fedorov.
Academician A. P. Aleksandrov.
Academician A. A. Blagonravov.
Academician A. P. Vinogradov.
Academician N. N. Bogolyubov.
Academician M. M. Dubinin.
Academician P. L. Kapitza.
Academician N. N. Semenov.
Academician D. V. Skobeltzyn.
Academician I. E. Tamm.
Academician A. N. Tupolev.
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Corresponding Academician M. A. Sadovsky.
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Prof. N. A. Talensky.

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