

TABLE OF CONTENTS

<i>Introduction</i>	vii
List of participants, organizers and observers	ix
<i>Opening remarks</i>	xiii
J.-E. WIKSTRÖM	
Session 1: Chairman—T. SEGERSTEDT	
Rationality and the personal element in science policy	1
S. HALLDÉN	
Science as a source of political conflict	9
D. NELKIN	
Discussion Summary	25
Appendix	29
B. D. DAVIS	
Session 2: Chairman—V. AUBERT; Vice-chairman—L. GYLLENSTEN	
The ethical responsibility of social scientists: a historical survey <i>and comment</i>	31
J. BEN DAVID	
A critical awareness of science	49
J. R. RAVETZ	
A critique of pure science	57
P. SALTMAN	
Discussion Summary	65
Session 3: Chairman—D. HAMBURG; Vice-chairman—D. MAGNUSSON	
Priorities and control in the organization of research	69
P. AIGRAIN	
Priorities and control in the organization of research from the scientist's point of view	75
H. CURIEN	
A scientist's view of priorities and control in the organization of research ..	81
D. S. FREDRICKSON	
Discussion Summary	89
Session 4: Chairman—P. AIGRAIN; Vice-chairman—C.-G. HEDÉN	
The ethical principles of scientific institutions	91
D. K. PRICE	

TABLE OF CONTENTS

Priorities and control in the organization of research from the scientific institution's point of view	105
T. SEGERSTEDT	
Discussion Summary	113
 Session 5: Chairman—M. MALITZA; Vice-chairman—J. PRAWITZ	
Ethics in 'big science'	
R. BJÖRNERSTEDT	
[The presentation by Dr Rolf Björnerstedt was unfortunately not available at the time the publication went to press.]	
Ethical dilemmas in weapon development	117
F. BARNABY	
The ethical dilemma of arms development	125
K. LOHS	
Discussion Summary	129
 Session 6: Chairman—L. OBENG; Vice-chairman—T. GANELIUS	
People, knowledge and science	133
J. FELDMAN	
What becomes of a scientist?	145
B. VITALE	
Science, progress and destruction	153
H. ALFVÉN	
Discussion Summary	161
 Session 7: Chairman—C. G. BERNHARD	
Information and communication in the developing world	165
L. E. OBENG	
Communication with others—the scientists' responsibility	177
J. B. NEILANDS	
Transdisciplinary communication: a priority in scientific information	187
M. MALITZA	
Discussion Summary	199
 Session 8: Chairman—D. S. FREDRICKSON; Vice-chairman—B. MALMSTRÖM	
Limits in the regulation of scientific research	203
B. D. DAVIS	
Ethics and priorities in social science	215
V. AUBERT	
A perspective on some ethical dilemmas in health sciences policy	225
D. A. HAMBURG, S. S. BROWN & E. O. NIGHTINGALE	
Discussion Summary	241
The Editor's view: research and ethics	245
T. SEGERSTEDT	