

Content

Foreword	9
Editorial Note	13
1. Introduction	15
2. International Relationships of the MPS during the Cold War: Changing Historical Constellations	47
2.1 How the MPS Asserted Itself in Postwar Germany and Became Established Within the Bloc System	48
Negotiating with the Occupying Powers (50) (Re-)Integration into Interna- tional Scientific Communities and International Organizations, including the CERN (56) “Going International” with the Alexander von Humboldt Foundation and Other Organizations (59)	
2.2 Foreign Science Policy in the “CDU-State”	62
Defining Roles within the Federal German Science System: MPS and DFG (63) Diplomacy by Other Means: The Case of Israel (66) The Europeanization of Big Science (68) A Foreign Policy Mandate for the President (71) Butenandt’s Intellectual Network and Its Initiatives in Establishing Social Science Institutes (74) Learning Policy Consultancy from the American Model (79) The (Un-)American Founding of the Starnberg Institute (83) The Mission: A Scientific Understanding of the World (88)	
2.3 Science and Technology in the Socio-Liberal Decade of Détente	90
Brandt’s New Foreign Policy (92) Détente-Oriented Foreign Science Policy and Its Contradictory Demands on the MPS (94) The European Science Land- scape Through the Eyes of Two MPS Presidents (97) Administering European Research: The MPS’s International Relations Unit (101) Policy Consultancy in the Storeroom of the MPS (104) Carl Friedrich von Weizsäcker: The Last Mandarin of the MPS (116) How Political Can a MPS Scientist Be? Dürr Versus Lüst (118)	
2.4 From the End of Détente to the Collapse of the Soviet Empire	125
The MPS in Relation to Politics and the Public (127) Imagine a War Without the MPS Involved (133) “Star Wars”—Collateral Effects on Research (139) Fusion Research and the Beginning of the End of the Cold War (142) Where Will the Money Come From: Project Grants or Base Funding? (146) From Politics to the Administration of International Scientific Relations (153)	

2.5	After the Cold War: German Reunification in an Expanded Europe	158
	The Administrative Headquarters in a State of Emergency (159) Europe: Constant “Erosion” of the German Research System (170) The End of the Cold War and Its Significance for the MPS’s Science Foreign Policy (182)	
3.	Special Relationships: The Cultural and Scientific Policy Missions of the MPS in Italy, Spain, the USSR, and China	187
3.1	Italian and Other (Lost) Outposts in South(east) Europe	190
	Welcome and Unwelcome Donations: Zoological Station Rovigno and Bibliotheca Hertziana (190) The Vision of a “Central European” Science Space (196) Denazification and the Late Arrival of the Hertziana in the MPS (202) Institutes Abroad: A Negative Balance Sheet and Its Lessons for the MPS (207)	
3.2	Old Comrades and New Instruments: Spain	211
	Early Arms Patronship (211) The Role of the MPS in the Spanish Nuclear Program (212) Regaining Cultural-Political Terrain (222) Crypto-Fascists Get Involved (224) A Fiesta for Butenandt and a Gift to Spain (227) Scientific-Technical Collaboration 2.0 (232) Diplomacy for One’s Own Sake (235)	
3.3	Collaboration with the Political Adversary: The USSR	239
	Science Transfer: From Mutual Benefit to Security Risk (239) Scientific Rapprochement Under Foreign-Policy Fire (242) The MPS on the Short Leash of the Foreign Office (246) Autonomy or Plan, Purpose-Free or Useful Science? (248) New State Agreements and Other Obstacles (252) New Cooperations—In Spite of Existing Agreements (258) The Cold War Resumes (263) “Star Peace” or the Commercialization of Space Exploration (266) Science and Diplomacy Before and After the Collapse of the Soviet Union (272)	
3.4	Scientific Ping-Pong Diplomacy: China	278
	Geopolitics in Motion (279) Foreign Science Policy in Limbo (283) The Art of Informality (288) Staying on Course Abroad: Basic Research!? (294) The MPS in the Booming China Business of the Federal Republic (298) A Lane for Basic Research in China (305) Laboratory Explorations in the Far East: “It Can Be Done Another Way, But This Way Works, Too” (311) Permanent Academy Reform and the Role of the MPS (319) Tiananmen—What Was It? (328) Globalized Elite Development (337)	
3.5	International Relations in Comparison	346
4.	The Trail of Concern for World Peace and the Earth	351
4.1	The Era of Memoranda: From Mainau via Göttingen to Tübingen	354
	A Parallel Action by Nobel Laureates (354) “Paths in Danger” (362) On Invisible Paths (367) “Pastoral Care for <i>Bundestag</i> Members” or Telling the People the Truth (371)	
4.2	Rethinking Science and Politics: the VDW and Pugwash	377
	Carl Friedrich von Weizsäcker: Self-Education, Realpolitik, and Ambivalence (378) Between Informal Diplomacy and Government Loyalty (380) Pressure from All Sides (383)	

4.3 Starnberg Strategy Games	388
Everyone Has (No) Chance: Civil Defense during the Cold War (389) The Consequences of War Study (390) Defensive Defense (395) Bifurcations (397) Stability-Oriented Security Policy on the International Stage (401) But the MPS Does Not Play Along (405)	
4.4 New Social Movements: From Krefeld via Mainz and Hamburg to Moscow	409
From Theoretical Physicist to Peace Activist: Hans-Peter Dürr (410) Congresses and Appeals to the Public (413) Let Politics be Private (419) Against the Militarization of Space (423) Ex oriente lux: Gorbachev's Disarmament Initiatives and the Mainz Twenty-Three (431) ... et umbra: "Save Sakharov" (435) The Brief Dream of One World (438)	
4.5 A Scientific Response to Concern: The Expansion of Earth System Research at the MPS	441
Environmental Research <i>avant la lettre</i> (442) Ecological Revolution—Revolutionary Research? (445) Paul Crutzen: A Polluted Atmosphere Needs Impure Science (449) The Resistible Rise of Environmental Research at the MPS (453)	
4.6 The Search for Traces in Fast Motion	462
5. The Science Foreign Policy of the MPS and International Politics: Looking Back—and Forward	465
Abbreviations	485
Picture Credits	493
Sources and Literature	495
Archival Sources	495
Conversations and interviews with contemporary witnesses	497
Published sources and serial publications	505
Bibliography	506
List of Persons	551