

# Transnational Perspectives on Soviet Cutting-Edge Technology

Second International Conference of the joint German-Swiss Research Group

“Nuclear Technopolitics in the Soviet Union” (NucTechPol).

January 31 – February 1, 2019.

Room 205, Hallerstrasse 6, 3012 Bern.

## Thursday, January 31

09:45–10:15

### Introduction

*Julia Richers & Fabian Lüscher*

Panel I: 10:15–12:00

### Soviet Radiation Biology: Navigating Boundaries of Closed Worlds

*Susanne Bauer, Oslo*

### “Atomic Reserve” in the Southern Urals

*Laura Sembritzki, Heidelberg*

Chair: Silvia Berger, Bern

Panel II: 13:30–15:15

### Accelerated Relationships: The USSR and the Rise of Megascience in Cold War High-Energy Physics, 1956–1991

*Roman Khandozhko, Tübingen*

### Explosive Math: Soviet Mathematicians, the Bomb, and the International Community during the Cold War

*Slava Gerovitch, Cambridge, MA*

Chair: Carmen Scheide, Bern

Panel III: 15:45–17:30

### Apollo-Soyuz Test Project: Mutual Perceptions, Interdependencies, Cooperative Efforts, and Transfers between the Space Programs of the U.S. and the Soviet Union in the 1970s

*Darina Volf, Munich*

### Soviet Science at the Edge of Nuclear Apocalypse Performing “Star Wars” on the International Stage

*Asif Siddiqi, New York*

Chair: Julia Richers, Bern

## Friday, February 1

Panel IV: 09:45–12:15

### To Be Taken with a Grain of Salt. Nuclear-Powered Water Desalination in East, West and South (1961 to Present)

*Stefan Guth, Tübingen*

### Trust, Passion and Compromise: ITER and the History of Nuclear Fusion Diplomacy

*Anna Åberg, Göteborg*

### Disillusion about Fusion. Failure as an Asset to Soviet Nuclear Internationalism, 1956–1968

*Fabian Lüscher, Bern*

Chair: Tanja Pentter, Heidelberg

Panel V: 13:30–16:00

### Putting Scientific Diplomacy into Words: Translation, Mediation and Public Communication in Cold War Big Science

*Ksenia Tatarchenko, Geneva*

### Brains, Bombs, and Other Smart Nuclear Reactors

*Benjamin Peters, Tulsa*

### A Global Industry. Transnational Entanglements of Soviet Computer Manufacturing

*Felix Herrmann, Bremen*

Chair: Klaus Gestwa, Tübingen

## 16:30–17:00 Final Discussion

Chair: Julia Richers & Fabian Lüscher

### Organizers:

NucTechPol Team  
University of Bern  
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Prof. Dr. Julia Richers  
and M.A. Fabian Lüscher.

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