

Nordic Academy of Advanced Studies (NorFA)  
St.Petersburg State University  
Network “Rationality in Local and Global Contexts”

## Spatial Reasoning

October 11-13, St.Petersburg **2002**

Although the Cartesian account of geometrical and physical space is often considered as commonsensical it is in fact only one among many others known from the history of ideas. We also have space concepts developed within Classical tradition as well as spacetime of contemporary physics. New mathematical disciplines of Locale Theory and Formal Topology challenge older traditions rethinking the concept of point as spatial primitive. Since the distinction between the global and the local is prima facie spatial we always rely on certain space concepts using it in political discussion or elsewhere. That is why the issue of Spatial Reasoning is apparently indispensable when we talk on Local and Global Rationality. The aim of the workshop to be held in St.-Petersburg State University is to discuss Spatial Reasoning both systematically and historically.

**Where:** room **70** of the Main Building (“12 Colleges”) of St.Petersburg State University

Program:

**Friday, October 11:**

10.00 a.m. -11.00 a.m.:

Jesper Carlstrom (Stockholm University)

**Pointfree Topology of Space and Time:**

**Why and How**

11.00 a.m.-12.00 p.m.

Vladimir Vasyukov (RAS, Moscow)

**Local and Global Universum**

12.15 a.m.- 1.15 p.m.

Andrei Rodin (RAS/ University of Iceland)

**Collection and Connection**

3.00 p.m. - 4.00 p.m.

Eyja Margret Brynjarsdottir (University of Iceland / Cornell University)

**Spatial Concepts as Primary Property Concepts**

4.00 p.m. - 5.00 p.m

Igor Nevvazhaj (Saratov State University)

**Locality and Non-Locality in Epistemology**

**Saturday, October 12:**

10.00 a.m. -11.00 a.m.

Roberto Casati (EHESS, Paris)

**Topology and Cognition**

11.00 a.m.-12.00 p.m

Edward Karavaev (St.Petersburg State University)

**Rationality and Spatial Concepts**

12.15 p.m.- 1.15 p.m.

Elena Shulga (RAS, Moscow)

**Boundaries in Biology**

3.00 p.m.- 4.00 p.m.

Cyril Pshenichny (St.Petersburg State University)

**Topological Problems in Geoscience**

4.00 p.m. - 5.00 p.m

Arthemy Magun (European University, St.Petersburg)

**The Spatial Definition of Politics and The Modern Political Crisis in The Work of Carl Schmitt**