

OVERCOMING BARRIERS TO COMPARE IN THE NATURAL SCIENCES: THE EXAMPLE OF MOLECULAR GENETICS

The subproject is studying the role of practices of comparing both in gaining new knowledge and in integrating this knowledge into the system of science. It starts by observing the barriers to practices of comparing that emerge in conceptual change or in the contrast between divergent approaches.

The workshop opens up a debate on the functions of comparison for a closer look at narratives and narrative insights into the history of science. In doing so, practices of comparing are tentatively understood both as an epistemic method and as a discourse strategy.

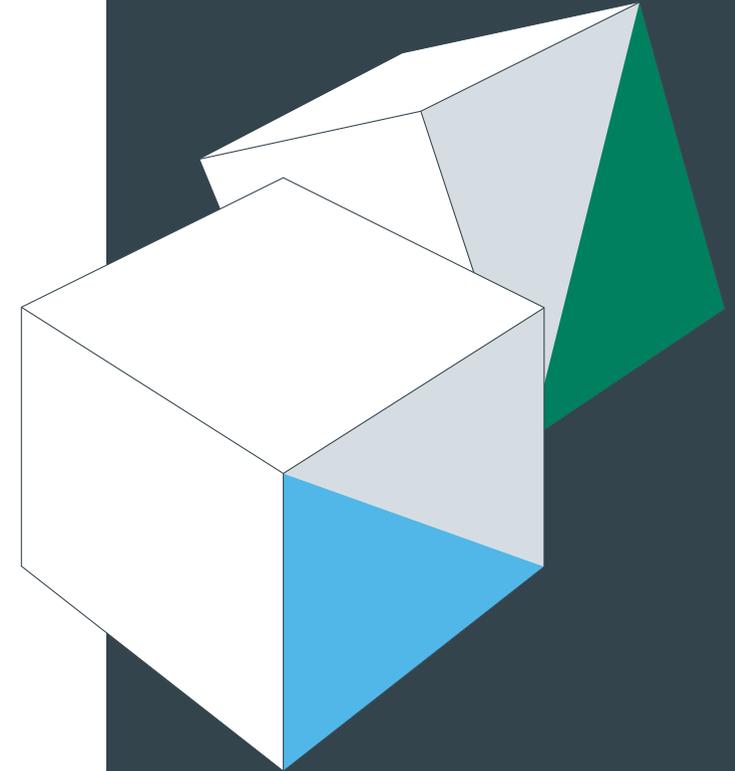
To illustrate the great variety of their functions, the case studies during the workshop will explore epistemic strategies and narrating structures in comparative arrangements. Papers on the theory of historiography will provide new approaches in narrative agency.

Contact

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Venue

ZiF Bielefeld, Methoden 1
Long Table Room
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PRACTICES OF COMPARING AND NARRATING IN SCIENCES

Workshop | 05 – 07 April, 2018

Universität Bielefeld

SFB 1288
PRACTICES
OF COMPARING

THURSDAY, 5 APRIL 2018

15:30	Coffee and Registration
16:00	Welcome Address Angelika Epple, <i>Bielefeld</i> , Spokesperson of the SFB 1288
16:15	Starting Points and Expectations Martin Carrier, Veronika Hofer, Carsten Reinhardt, <i>Bielefeld</i>
16:30	Zoltán Boldizsár Simon, <i>Bielefeld</i> : "Narrative and Temporal Incommensurability"
17:20	Jouni-Matti Kuukkanen, <i>Oulu</i> : "Lakatosian Rational Reconstruction Updated"
18:10	Comment M. Norton Wise, <i>Los Angeles</i>
19:15	Dinner, Restaurant Rosenhof

FRIDAY, 6 APRIL 2018

09:15	M. Norton Wise, <i>Los Angeles</i> : "Maxwell and Weber on Electromagnetic Theory: What Does Narrative Add?"
10:05	Richard Staley, <i>Cambridge</i> : "Physics as a Comparative Science: On the Relations between Ernst Mach's Critiques of Mechanics and his Account of the Nature of the Sciences"

10:55	Coffee Break
11:15	Michael Stöltzner, <i>South Carolina</i> : "You have learned to speak Creole, now what do you want to say? Narratives and Analogies in High Energy Physics"
12:05	Oliver Hochadel, <i>Barcelona</i> : "The Flower People of Shanidar. Telling a new Tale about our Neanderthal Brothers"
12:55	Lunch, ZiF Cafeteria
14:00	Staffan Müller-Wille, <i>Exeter</i> : "From Travel Diary to Species Catalogue: How Linnaeus Came to See Lapland"
14:50	Veronika Hofer, <i>Bielefeld</i> : "On the Narratives of the Chargaff Story"
15:40	Coffee Break
16:00	Rebecca Mertens, <i>Bielefeld</i> : "Comparative Narratives in the Making of Research Programs – The Importance of Historical Reconstruction"
16:50	Hans-Jörg Rheinberger, <i>Berlin</i> : "On the Narrative Order of Experimentation"
18:30	Dinner, Restaurant Rosenhof

SATURDAY, 7 APRIL 2018

9:15	Joris C. Heyder, <i>Bielefeld</i> : "Seeing, Comparing, and Narrating? On the Making of the Middle Ages in the Early History of Art"
10:05	Christine Peters, <i>Bielefeld</i> : "Historical Narrative versus Comparative Description: Genre and Knowledge in Alexander von Humboldt's <i>Personal Narrative</i> "
10:55	Coffee Break
11:15	Marie Lemser, <i>Bielefeld</i> : "Dionysus and Heracles in India: Comparisons and Narratives in Megasthenes' <i>Indica</i> (4th century BC)"
12:05	Comment Britta Hochkirchen, Kirsten Kramer, <i>Bielefeld</i>
12:35	Final Discussion and Closing Remarks Martin Carrier, Veronika Hofer, Carsten Reinhardt, <i>Bielefeld</i>



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