

# Philosophy and Mathematics in the Work of Bernard Bolzano

Prague, 15-18 April 2010

Draft programme, 7 April, 2010

<b>Thursday, 15<sup>th</sup> April</b>	
<b>Österreichisches Kulturforum</b> Jungmannovo náměstí 18, Praha	
16:00-16:30	<i>tea</i>
16:30-16:50	<i>Opening session</i> Welcome and Introductions
16:50-17:35	<i>Chair: Steve Russ</i> <b>Peter Simons</b> <i>Bolzano, Philosophy and Logic, 1781 – 1848</i>
17:40-18:25	<b>Ivor Grattan-Guinness</b> <i>Remarks on Mathematics in Europe, 1810 - 1840</i>

<b>Friday, 16<sup>th</sup> April</b>	
<b>Österreichisches Kulturforum</b> Jungmannovo náměstí 18, Praha	
9:00-9:45 9:50-10:30	<i>Chair: Ivor Grattan-Guinness</i> <b>Jan Sebestik</b> <i>The significance of Bolzano's Contributions to a better-grounded presentation of mathematics: a new philosophy of mathematics</i> <b>*Bolzano News*</b> <i>from Jan Berg: On Video from Stockholm: Bernard-Bolzano Gesamtausgabe update [provisional]</i> <i>from Edgar Morscher: On Video from Salzburg: Bernard-Bolzano Gesamtausgabe update [provisional]</i> <i>from Paul Rusnock: The translation of the Wissenschaftslehre</i>
10:30-11:00	<i>coffee break</i>
11:00-11:30 11:35-11:45	<i>Chair: Maria van der Schaar</i> <b>Johan Blok</b> <i>On the Conception of the Beyträge: the Start of Bolzano's Philosophical Thinking</i> <b>Jiří Fiala</b> <i>Bolzano's "really absurd" attempt to justify the three-dimensionality of space</i>
11:50-12:20	<b>Steve Russ</b> <i>From the Betrachtungen to the Beyträge</i>
12:25-12:55	<b>Ken Archer</b> <i>Bolzano's Beyträge and the Revival of the Classical Model of Science</i>
12:55-14:30	<i>lunch: Café Louvre</i>
14:30-14:50	<i>Chair: Mark Siebel</i> <b>Anne-Sophie Brüggén</b> <i>Bolzano's method of variation and Frege's "unsaturated functions"</i>
14:55-15:15	<b>Stefania Centrone</b> <i>Bolzano and the Canon of Reciprocity [in German]</i>
15:20-15:40	<b>Maria van der Schaar</b> <i>Bolzano on Judgement and Error</i>
15:45-16:05	<b>Anita Konzelmann Ziv</b> <i>"Wise Self-Deception" – An Epistemic Challenge</i>
16:05-16:35	<i>tea break</i>

16:35-18:10	<p>Chair: Arianna Betti  <b>Paul Rusnock</b>  <i>Bolzano's Beyträge at 200: a quiet revolution in logic and philosophy of mathematics</i>  (Respondents: Anita Kasabova and Steve Russ [provisional])</p>
	conference dinner

<b>Saturday, 17<sup>th</sup> April</b>	
<b>Österreichisches Kulturforum</b> Jungmannovo náměstí 18, Praha	
9:00-9:30	<p>Chair: Paul Rusnock  <b>Sandra Lapointe</b>  <i>On Begründungen</i></p>
9:35-9:55	<p><b>Benjamin Schnieder</b>  <i>Bolzano's conception of causation</i></p>
10:00-10:45	<p><b>Arianna Betti</b>  <i>What's wrong with Bolzano's tentative definition of grounding in WL §221?</i></p>
10:45-11:15	coffee break
11:15-13:00	<p>Chair: Paola Cantù  <b>Stefan Roski</b>  <i>Ground and Consequence in the Beyträge</i>  (Respondents: Sandra Lapointe &amp; Mark Siebel [provisional])</p>
13:00-14:30	lunch: Café Louvre
<b>Center for Theoretical Study</b> Husova 4, Praha	
14:30-14:50	<p>chair: Kateřina Trlifajová  <b>Bolzano News</b>  <i>from Arianna Betti &amp; ERC Axiom Team: Bolzano Wiki</i></p>
14:55-15:15	<p><b>Michael Otte</b>  <i>The Analytic/Synthetic Distinction in Kant and Bolzano (with an eye on Peirce)</i></p>
15:20-15:40	<p><b>Mark Siebel</b>  <i>"It falls somewhat short of logical precision." Bolzano on Kant's Definition of Analyticity</i></p>
15:45-16:15	<p><b>Alena Šolcová</b>  <i>Mathematics and Logic: the View from Prague, 1800</i></p>
16:15-16:45	tea break
16:45-18:30	<p>chair: Alena Šolcová  <b>Paola Cantù</b>  <i>Changes in Bolzano's definition of mathematics</i>  (Respondents: Mirja Hartimo &amp; Paul Rusnock [provisional])</p>
	social dinner

<b>Sunday, 18<sup>th</sup> April</b>	
<b>Těchobuz</b> Galerie Bernarda Bolzana	
8:00-9:30	Bus trip to Těchobuz
9:30-9:35	turbo coffee break
9:35-10:05	<p>chair: Sandra Lapointe  <b>Wolfgang Künne</b>  <i>Bolzano und Goethe</i></p>

10:10-10:30	<b>Anita Kasabova</b> <i>Bolzano and Meinong on chimeras</i>
10:35-10:55	<b>Gaetan Pégny</b> <i>Bolzano and the Kantian classification of categories</i>
10:55-11:10	<i>coffee break</i>
11:10-11:30	<i>Chair: Jan Sebestik</i> <b>Kateřina Trlifajová</b> <i>Bolzano's measurable numbers revisited: between standard and non-standard interpretations</i>
11:35-11:55	<b>Ivor Grattan-Guinness</b> <i>Types of generality in mathematics</i>
11:55-12:15	<b>Zusammenfassung</b> <b>Peter Simons</b>
12:15-13:15	<i>Sightseeing</i>
13:15-14.30	<b>Pacov</b> <i>lunch</i>
14:30-17:00	<i>Bus trip to Prague</i> <i>(with more Bolzano sightseeing en route)</i>

NOTE: The Respondents, and the Chairs, for the various sessions above are all being invited, but we have not yet had confirmations in all cases. There will probably be small changes to this programme but we expect that it broadly indicates the overall schedule to be followed. If you foresee problems, or wish to propose changes, please email Arianna Betti and Paul Rusnock.

Many thanks

Steve