

## German-Israeli Student Encounter – November 15, 2011

Room 457, Gilman Building, Tel Aviv University

- 10:00**                    *Gathering*
- Rivka Feldhay** Opening Remarks
- 10:15 – 11:00**           *Scientific voyages and genealogies of World History in 17<sup>th</sup> and 18<sup>th</sup> century Europe*
- Benjamin Steiner** Scientific Voyages of the French Senegal-Company and Père Labat's History of West Africa
- Martin Herrnsdtadt** The Science of Man as "Histoire Générale" and the Society of the Observers of Man
- David Dilmaghani** Several Problems of Hegel's World-Historic Meditations
- 11:00 – 11:30**           *Orders of Knowledge in Historical Perspective*
- Ulla Reiss** Order of Knowledge, Order through Knowledge? Expert Language as a Tool in Medieval Administration
- Judith Blume** The Desire to Order: Early Collectable Cards and their Albums (1870-1920)
- 11:30 – 11:45**           *Coffee Break*
- 11:45 – 12:30**           *Applied Science and Mathematics in Germany in the first half of the 20th Century: Institutional Aspects*
- Florian Schmaltz** Fluid Mechanics in Göttingen: Hybrid Research in Military, Political and Industrial Contexts (1909-1950)
- Birgit Bergmann** The Establishment and Institutionalization of Applied Mathematics in Germany in the Inter-War Period
- Falk Müller** Technical Physics and Industrial Science in Weimar Germany

**12:30 – 13:15**

*Scientific Theory in a Social Context*

**Stav Raviv** The emergence of new mathematical knowledge (and in particular mathematical objects) using a detailed ethnographic method: the recent emergence of a duality transform in the field of Asymptotic Geometric Analysis

**Arik Hinkis** Proof-processing: A theory for the comparison of mathematical proofs and its consequences to the study of the methodology and the history of mathematics and its popularization

**Chen Earon** Physics and Economics: Comparison between Adam Smith's Exchange Market model and the General Equilibrium theory of Economics that prospered and became the central theory in Economics at the end of the 19<sup>th</sup> and well into the 20<sup>th</sup> century

**Naomi Yuval** Gender and Social Aspects in 18<sup>th</sup> – 19<sup>th</sup> Century British Botany

**13:15 – 14:00**

*Transitions between Science, Technology and Institutions*

**Yossi Eliav** The Moment of Transition between Science and Technology – 17<sup>th</sup> Century Structural Engineering and Naval Engineering

**Michael Elazar** 17<sup>th</sup> Century Jesuit Dynamics

**Shaul Katsir** The Technological Application of Piezoelectricity in WWI and its Aftermath

**Raya Leviathan** Building the WEIZAC Computer at the Weizmann Institute in the mid-1950s, the Decision and its Effects

**14:00**

*Lunch*