

## ISHPSSB2013 – Round Table Form

Please fill in this form, rename it (on the following model: Name of the organizer\_Title of round table), and submit it as a PDF file at the Third step (“Files”) of the submission process (please select “Presentation” as the “Type of the file”).

**Title of the round table (mandatory):**

Back to Darwin’s tangled bank: taking ecological sciences seriously in evolutionary biology

**Organizer of the round table (may but need not be a speaker in the round table) (mandatory):**

- Emanuele Serrelli – “Riccardo Massa” Department of Human Sciences, University of Milano Bicocca, and Applied Evolutionary Epistemology Lab, Center for Philosophy of Science, Faculty of Sciences, University of Lisbon.

**Names and affiliations of all the speakers in the round table (mandatory):**

- Greg Cooper – Washington and Lee University, Lexington, VA, USA
- Nei de Freitas Nunes-Neto – UFBA, Federal University of Bahia, Brazil
- Julien Delord – Independent Researcher, Toulouse, France

**Name of a Chairperson (cannot be a speaker; can be the organizer if she or he is not a speaker) (mandatory):**

- Emanuele Serrelli – “Riccardo Massa” Department of Human Sciences, University of Milano Bicocca, and Applied Evolutionary Epistemology Lab, Center for Philosophy of Science, Faculty of Sciences, University of Lisbon

**Theme of your round table (please pick *one* theme in the list below) (mandatory):**

\*\*\*\*\*

**List of themes:**

- Anthropology
- Cellular and Molecular Biology: Historical and Philosophical Approaches
- Development and Evo-devo
- Ethical and bioethical issues
- Evolutionary Biology: Origin, and early developments
- Evolutionary Biology: The Modern Synthesis
- **Evolutionary Biology: The recent challenges**
- Evolutionary Biology: Theoretical and conceptual issues (e.g. definition of Darwinian processes, levels of selection, etc.)
- Evolutionary Biology: Cooperation, altruism, evolution and economy
- Evolutionary Psychology
- Functions and Mechanisms
- Gender Studies
- Historical, philosophical and sociological perspectives on:
- Ecology
- Epigenetics
- Origins of life, minimal life
- History of Genetics

- Neurosciences and cognitive sciences: scientific, social, and philosophical issues
- The "organism" problem
- Public Health issues, and their social dimensions
- Reductionism, antireductionism, emergence
- The "species" problem
- Systematics and classification
- Systems Biology, Synthetic Biology and Genomics
- Teaching Biology
- Others