

Call for Abstracts
Due November 1, 2010

Reflective Engineering

@ The Society for Philosophy and Technology

Biennial Meeting May 26-29, 2011

University of North Texas

Track 16 Sponsored by

The Forum for Philosophy, Engineering, and Technology (fPET)

Track 16: Reflective Engineering

Chairs: Darryl Farber (Penn State University, USA) and Kathryn Jablokow (Penn State University, USA)

The track's aim is to encourage reflection on engineering, engineers, and technology by both philosophers and engineers. To achieve this, we are seeking abstracts for presentations that address the multiple ways philosophers and engineers reflect upon engineering practice, research, or teaching.

We welcome abstracts on topics such as

- epistemology, metaphysics, ontology, and ethics of engineering products, processes, and systems
- ethnography of engineering practice, research, or teaching and its philosophical implications
- applications of philosophy to policy and engineering practice, for example questions concerning the role of broader public engagement in the design, deployment, and decommissioning of technology or engineering systems including issues regarding the interpretation of uncertainty and risk
- historical perspectives on engineering and technology perhaps that illuminate current questions or controversies regarding engineering practice, research, or teaching
- reflection on cognitive aspects of engineering, such as reflection on why and how engineers think the way they do, especially related to creativity, problem-solving, and leadership
- cross-disciplinary reflections involving perspectives from engineering, the social sciences, and the humanities more generally perhaps including the way cultural differences broadly speaking inform engineering.
- philosophical reflections that are related to the above topics and address a specific engineering domain, such as energy, waste, environment, transportation, and security.

Papers will be accepted on the basis of a submitted abstract, which will be refereed. An abstract must be between **500 and 750** words in length (references excluded) and submitted via email (spt2011@unt.edu) as embedded plain text or an attachment in RTF, WORD, or PDF format. It should also contain the name and number of the track to which the abstract is submitted.

Please contact Darryl Farber (dfarber@engr.psu.edu) or Kathryn Jablokow (kw13@gv.psu.edu) for more information.