Innovative Applications of ASP

Gerhard Brewka

Intelligent Systems Department
Computer Science Institute
University of Leipzig
Augustusplatz 10-11
04109 Leipzig, Germany
`brewka@informatik.uni-leipzig.de`

The goal of the panel is to identify promising new applications of the answer set programming paradigm which may help turn this approach into a more widely used programming methodology. The discussions will center around the following questions:

1. Which innovative applications demonstrate best the power of ASP?
2. Is current ASP technology sufficient to handle these applications, or do we need to develop our methods further? If so, what are the most urgent developments?
3. What needs to be done to make ASP one of the mainstream programming technologies? Should we care about this at all?

The following researchers, all of whom have made pioneering contributions to the field, have agreed to act as panelists:

– Michael Gelfond, Texas Tech University
– Fangzhen Lin, Honkong University of Science and Technology
– Ilkka Niemelä, Helsinki University of Technology
– Torsten Schaub, University of Potsdam