



Call for Papers



## 8th International Workshop on Graph Transformation and Visual Modeling Techniques (GT-VMT 2009)

<http://www.cs.le.ac.uk/events/gtvmt09/>  
Satellite Event of ETAPS 2009, York, UK  
March 28 - 29, 2009

### Scope

GT-VMT 2009 is the eighth workshop of a series that serves as a forum for all researchers and practitioners interested in the use of graph-based notation, techniques and tools for the specification, modeling, validation, manipulation and verification of complex systems. The aim of the workshop is to promote engineering approaches that provide effective sound tool support for visual modeling languages, enhancing formal reasoning at the semantic level (e.g., for model analysis, transformation, and consistency management) in different domains, such as UML, Petri nets, Graph Transformation or Business Process/Workflow Models.

This year's workshop will have a special focus on visualisation, simulation, and verification of domain-specific languages (DSLs) to improve the automation and quality in model-driven and/or service-oriented processes.

As a summary, topics relevant to the scope of the workshop include (but not restricted to) the following:

- formal definition of visual DSLs (incl. meta-modeling, grammars, graphical parsing, etc.);
- static semantics of visual DSLs (incl. OCL, graph patterns, etc.);
- dynamic semantics of visual DSLs (incl. simulation, compilation, etc.);
- model transformations (within and) between DSLs and their application in model-driven development;
- visual DSL analysis (incl. verification & validation, static & dynamic analysis techniques);
- model/graph-based approaches to novel architectural paradigms like service-oriented, GRID, and P2P computing, context-aware and adaptive applications, etc.;
- application of graph transformations and visual modeling techniques in engineering, biology, and medicine;
- case studies and novel application areas;
- tool support and efficient algorithms.

### Important Dates

December 5, 2008	Abstract Submission
December 12, 2008	Paper Submission Deadline
January 23, 2009	Notification of Acceptance
February 13, 2009	Camera Ready Version
February 13, 2009	Deadline for Early Registration
March 28-29, 2009	Time of the Workshop

### Submissions

The proceedings of this workshop will be published in the journal Electronic Communications of the EASST. A preliminary version of the proceedings will be available at the workshop. Papers should not exceed 12 pages. For preparing your manuscript, the EASST templates can be downloaded at <http://easst.cs.tu-berlin.de/template/>. The online submission and review system is available at <http://www.easychair.org/GTVMT2009/>.

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