AAA 2006 is the first Astrenet Aspect Analysis workshop, a workshop that brings together the Aspect Oriented Software Development community and the community currently gathered under the ASTReNet network namely: Program Analysis, Slicing and Transformation. The workshop, held in Benevento, Italy, brings together these two groups to listen to expert researchers, panelists and keynotes and to discuss state-of-the-art tools, techniques and ideas from both industry and academia to both consolidate pre-existing research and inspire new research ideas.

Aspect oriented software development is a recent fundamental step towards the goal of flexible, adaptable, evolvable software systems. Program analysis, slicing and transformation are now well-established areas providing information that can be used to understand and develop computer systems. The overlap of these two areas provides an opportunity to inject ideas and enthusiasm into the respective fields. The aims of the workshop include: fostering interest within the analysis, transformation and slicing community in aspect oriented software development and the problems of analysing aspect oriented programs, and enhancing the general understanding of aspect oriented programming languages.

We have two distinguished keynote speakers presenting current aspects of their expertise: Matthew Webster from the cutting-edge Java Technologies Group at IBM, Hursley, UK who will be giving us insight into the aspect oriented approach from a higher level with his keynote address “AOSD: divining not mining” and Oege de Moor from the Computing Laboratories at Oxford University, UK with his keynote entitled “Datalog pointcuts: static analysis in aspects”.

The Aspect Oriented Analysis research track gives the opportunity for well known researchers to present new ideas and techniques from academia. The high quality research papers presented have been reviewed by at least three referees.

A CCC (CrossCutting Concern) panel will discuss how to address the issues of crosscutting concerns in existing code, how to provide consistent and systematic approaches to identify these concerns and then migrate them to aspect-oriented solutions. The panel will bring together questions and opinions from interested parties and experts in aspect-oriented software development and reverse engineering.

A PhD poster session held over lunch gives PhD students the opportunity to present their aspect oriented research in an informal setting. It is a chance to talk to experts and other PhDs about the specific details of their research, the latest directions that research is taking or simply get some feedback on their poster making abilities from those with years of experience. Prizes donated by Google and the British Computer Society will be awarded for the best posters.

The social event in the evening provides the ideal forum for continuation of discussions and networking after the workshop.

We wish to thank our keynotes for their invaluable insights, the organising committee for putting together the program, the program committee for their time and commitment, and all the authors who took the time to submit papers. Without all of this generous input AAA 2006 would not be such a successful event.

Mark Harman
General Chair

Sue Black and Paolo Tonella
Program Co-Chairs