Welcome to SEW-29, the 29th NASA/IEEE Software Engineering Workshop!

This year’s workshop is part of the 1st NASA/IEEE Systems and Software Week, an initiative which has proven to be successful, and which we plan to continue.

Systems and Software Week saw the co-location of SEW with the 12th IEEE Conference on Engineering Computer-Based Systems (ECBS 2005), along with several ECBS workshops of interest to SEW participants: 2nd IEEE International Workshop on Engineering Autonomic Systems (EASe 2005), 3rd ECBS Workshop and Session on Model-Based Development (MBD 2005) and the 6th Joint Workshop on Formal Specification of Computer-Based Systems (FSCBS 2005). Combined, the events ran for almost five days, attracting participants from more than a dozen countries.

This SEW proceedings includes revised versions of peer-reviewed papers presented at SEW 29, 6th and 7th April, 2005. We hope that they will be of interest and use to the reader.

We are grateful to all of the authors for presenting their papers and providing updated papers for this proceedings. We are also grateful to the various delegates who participated in discussions and provided feedback to the authors.

We would like to thank the IEEE Computer Society, Technical Council on Software Engineering for their sponsorship, and also NASA Goddard Space Flight Center, Information Systems Division. Our thanks also to all of the volunteers who contributed their time to making SEW-29 a success, and in particular to the members of the program committee and organizing committee.

Next year is a very special year. 2006 will be the 30th anniversary of the Software Engineering Workshop, making it (we believe) the longest continually-running software engineering event in the world. SEW-30 will be held at Loyola College Graduate Center, Columbia, MD, as part of the 2nd NASA/IEEE Systems and Software Week, 24th to 28th April 2006. Several other workshops will combine with SEW for what promises to be an exciting event. We hope that you will join us there.

Mike Hinchey, General Chair
Margaret Caulfield, Program Chair

Greenbelt, MD
3 August 2005