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## ***Software and Cyberinfrastructure for Astronomy***

**Nicole M. Radziwill**

**Alan Bridger**

*Editors*

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## Introduction

Thanks to everyone who joined us for the 2010 Software and Cyberinfrastructure for Astronomy conference in San Diego, California. This was an exciting conference that brought together key players in software development for both ground and space based instruments. Although common services and software reuse continues to be a theme, we heard more this year about executing observations using Web technologies, developing and managing pipelines for data processing, and leveraging complex cyberinfrastructure and cloud computing. There was a special section on Kepler, covering the extensive work that has been done for that instrument recently, and updates on the newer projects including ASKAP, DECam, ALMA and LSST.

One highlight of the 2010 conference was the Lightning Talks session held on Tuesday, June 29. A total of 19 speakers presented improvisational presentations or led interactive group discussions in their allotted five minutes. A breadth of topics were covered, including: using Twitter for telescope operations, events and commands, good user interface design, the SPOT proposal tool, using Google Calendar, version control, 3D modeling, and the ideal qualifications for an observatory software specialist. One presenter even shared some software humor that the audience greatly appreciated.

In addition to the many contributors, without whom this meeting would not have been possible, we would also like to thank the program committee for their continued dedication and support. We look forward to continued progress and anticipate that our community will report on even more exciting innovations at our next gathering in Amsterdam in 2012. See you there!

**Nicole M. Radziwill**  
**Alan Bridger**

