ACL2 2006

International Workshop on the ACL2 Theorem Prover and its Applications
http://www.cc.gatech.edu/~manolios/acl206
August 15-16, 2006
Seattle, Washington
Part of FLoC 2006 (http://research.microsoft.com/floc06/)
Hosted by CAV 2006 and IJCAR 2006

ORGANIZATION

CHAIRS
Panagiotis Manolios (GeorgiaTech, USA)
Matthew Wilding (Rockwell Collins, USA)

PUBLICATIONS
Ruben Gamboa (U. Wyoming, USA)

WEBMASTERS
Sudarshan Srinivasan (Georgia Tech, USA)
Daron Vroon (Georgia Tech, USA)

PROGRAM COMMITTEE
Ruben Gamboa (U. Wyoming, USA)
David Greve (Rockwell Collins, USA)
Warren Hunt (U. Texas, USA)
Deepak Kapur (U. New Mexico, USA)
Matt Kaufmann (U. Texas, USA)
Bill Legato (NSA, USA)
Panagiotis Manolios (GeorgiaTech, USA)
Jose Meseguer (U. Illinois, USA)
Paul Miner (NASA, USA)
J Strother Moore (U. Texas, USA)
Lawrence C. Paulson (U. Cambridge, UK)
Jose Luis Ruiz-Reina (U. Seville, Spain)
David M. Russinoff (AMD, USA)
Jun Sawada (IBM, USA)
Mary Sheeran (Chalmers U., Sweden)
Konrad Slind (U. Utah, USA)
Matthew Wilding (Rockwell Collins, USA)

SCOPE OF CONFERENCE

ACL2 2006 is the major technical forum for users of the ACL2 theorem proving system and is the sixth in a series of workshops that occur every 18 months. ACL2 is an industrial-strength automated reasoning system that is part of the Boyer-Moore family of theorem provers, winner of the 2005 ACM Software System Award. ACL2 2006 is hosted by the CAV and IJCAR conferences, which are part of FLoC 2006, the Federated Logic Conference. In addition, and as reflected by our program committee, we encourage participation from users of other theorem provers and persons interested in the application of theorem proving technology. We invite papers on any ACL2-related topic, including but not limited to:

- applications of the theorem prover,

- proposals for ACL2 theorem prover improvements, especially as illustrated in experimental extensions/other systems,

- comparisons with other theorem provers, programming languages, or specification languages,

- solved (and unsolved!) challenge problems, and

- implementations connecting ACL2 with other systems.

PAPER SUBMISSIONS

Submissions must be made electronically in PDF format, following the instructions on the ACL2 2006 Web site. Submissions must use the ACM SIG Proceedings format with letter-size paper (see http://www.acm.org/sigs/pubs/proceed/template.html).

Two categories of papers will be accepted: long (at most 10 pages) and short (at most 4 pages). Note that the current paper format is much more compact than the LNCS format we used in the past! Authors can assume that the workshop audience has a working knowledge of ACL2's syntax, basic commands, and modeling techniques. Papers should contain a short abstract of approximately 150 words clearly stating the contribution of the submission. Authors of accepted papers are required to give a presentation at the workshop. Papers should be self-contained, but, as has been the case traditionally (and where applicable), we strongly encourage authors to provide ACL2 "books" or script files that provide full details, along with instructions for how to process these books with ACL2. For accepted papers, these books will be mirrored on the ACL2 home page and included in future ACL2 distributions. We expect to provide workshop proceedings and to include these proceedings in the ACM digital library.

IMPORTANT DATES

Abstract Submission deadline:	April 14, 2006
Paper Submission deadline:	April 19, 2006
Acceptance notification:	June 9, 2006
Final version due:	July 24, 2006
Conference:	August 15-16, 2006