

ACL2 WORKSHOP 2013



Laramie, Wyoming, USA
May 30-31, 2013

International Workshop on the ACL2
Theorem Prover and its Applications

May 30-31, 2013 in Laramie, WY, USA
<http://www.cs.uwyo.edu/~ruben/acl2-13>

WORKSHOP SCOPE

ACL2 2013 is the major technical forum for users of the ACL2 theorem proving system to present research related to the ACL2 theorem prover and its applications. ACL2 2013 is the eleventh in the series of ACL2 workshops, which occur approximately every 18 months. ACL2 is an industrial-strength automated reasoning system, the latest in the Boyer-Moore family of theorem provers. The 2005 ACM Software System Award was awarded to Boyer, Kaufmann, and Moore for their work in ACL2 and the other theorem provers in the Boyer-Moore family.

ACL2 2013 is a two-day workshop to be held in Laramie, WY, USA on May 30-31, 2013. The workshop will feature technical papers, invited talks, and rump sessions discussing ongoing research. We invite submissions of papers on any topic related to ACL2 and its applications, and we strongly encourage submissions related to other theorem provers or formal methods that are of interest to the ACL2 community. Suggested topics include but are not limited to the following:

- Software or hardware verification with ACL2,
- Formalizations of mathematics in ACL2,
- New libraries, tools, and interfaces for ACL2,
- Novel uses of ACL2,
- Experiences with ACL2 in the classroom,
- Reports of and proposals for improvements of ACL2,
- Comparisons with other theorem provers,
- Comparisons with other programming or specification languages,
- Challenge problems and their solutions,
- Foundational issues related to ACL2, and
- Implementations connecting ACL2 with other systems.

ORGANIZATION

Program Chairs

- Ruben Gamboa, University of Wyoming, USA
- Jared Davis, Centaur, USA

Program Committee

- Carl Eastlund, Northeastern University, USA
- David Greve, Rockwell Collins, USA
- Warren Hunt, University of Texas, USA
- Matt Kaufmann, University of Texas, USA
- Hanbing Liu, AMD, USA
- Panagiotis Manolios, Northeastern University, USA
- Magnus Myreen, University of Cambridge, UK
- David Rager, Battelle Memorial Institute, USA
- Sandip Ray, Intel, USA
- Jose Luis Ruiz Reina, University of Seville, Spain
- David Russinoff, Intel, USA
- Jun Sawada, IBM, USA
- Julien Schmaltz, Open University of the Netherlands, The Netherlands
- Konrad Slind, Rockwell Collins, USA
- Sol Swords, Centaur, USA
- Laurent Thery, INRIA, France

IMPORTANT DATES

Abstract submission:	February 8, 2013
Paper submission:	February 15, 2013
Acceptance Notification:	March 15, 2013
Final Version Due:	April 15, 2013
Workshop Registration:	May 6, 2013
Workshop Dates:	May 30-31, 2013

WEBSITE

<http://www.cs.uwyo.edu/~ruben/acl2-13>

