2015 Colorado Undergraduate Space Research Symposium

April 18, 2015
Symposium Goals

Colorado Undergraduate Space Research Symposium
• Opportunity for students to present their projects
• Very diverse topics related to space sciences
• Promote research and showcase the work of Colorado students working in the aerospace field
Industry Getting Involved

- Project Mentorship
- Senior Design Projects
- Inspire the future of your workforce
- Propose challenging problems
Building Excitement

- Teaming with Faculty, Industry or Research Centers
- Launching a payload in as little as six months
- Applying classwork
- Building a project which goes to near space before Grad School
Everyone is encouraged to interact throughout the day, especially during lunch and the Demo Session.

Four Paper and Presentation Sessions
• 4 Session Winners
• 1 Grand Prize Winner from one of the 4 sessions.

2 Demo/Poster Session Winners
Presentation Moderators

- Are former COSGC Symposium presenters and graduates.
- Many living and working in Colorado and still have close ties to COSGC.
- Worked on many diverse projects
The Colorado Space Grant Consortium
Judges Donating Time

Ball Aerospace & Technologies Corp.
First RF Corporation
Northrop Grumman
EnerSys
ABSL
CSBR
Surrey Satellite Technology US LLC
Amergin Technologies
LGS
Sandia National Laboratories
Lockheed Martin
Sparkfun
Awards Sponsors

Grand Prize

Session Prizes

AMERGINT TECHNOLOGIES

EnerSys

ABSL

First RF Corporation

Mr. William Irelan

Dr. and Mrs. Richard A. Russel
Keynote Speaker

Christy Predaina
Northrop Grumman Program Operations Manager
and Colorado Space Grant Alumna
Scoring Overview

Papers are submitted by April 7th and scores are tabulated.

The Presentation Judges will add their scores to the paper scores to determine the winners.

- Paper - 70%
- Presentation - 30%

Paper and Presentation Judge’s comments will be provided anonymously to the Authors the following week.
Presentation Format

Two Concurrent paper presentation sessions A/B then C/D
  • 15 minute presentation
  • 5 minutes for Q&A
  • Questions from Judges first and then audience

Great final report goal for student teams!!
Typical Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>9:00 am</td>
<td>Presenters and Judges Check-in / Registration <em>DLC Atrium</em></td>
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<tr>
<td>10:00 am</td>
<td>Welcome and Opening Remarks <em>DLC 1B70</em></td>
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<tr>
<td>10:20 am</td>
<td>Session A <em>DLC 1B70</em></td>
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<tr>
<td>12:00 pm</td>
<td>Lunch <em>Atrium</em></td>
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<tr>
<td>12:30 pm</td>
<td>Keynote Speaker – Christy Predaina <em>DLC 1B70</em></td>
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<tr>
<td>1:20 pm</td>
<td>Session C <em>DLC 1B70</em></td>
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<tr>
<td>3:00 pm</td>
<td>Demo and Poster Session and Informal Career Fair <em>Atrium</em></td>
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<tr>
<td>3:30 pm</td>
<td>Awards Ceremony <em>Atrium</em></td>
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<tr>
<td>3:45 pm</td>
<td>Closing Remarks <em>Atrium</em></td>
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