



# MARSHALL COLLABORATION FORUM

October 7, 2013

# Morning Speakers and Panels



| Time     | Topic   | Speaker  | Location       |
|----------|---|--|----------------|
| 7:30 AM  | Networking<br>Continental Breakfast sponsored by the<br>National Space Club   | Mike Howell  | Atrium         |
| 8:30 AM  | Welcome   | Teresa Vanhooser   | Discovery Hall |
| 8:45 AM  | Marshall Investment Areas   | Bobby Watkins  | Discovery Hall |
| 9:15 AM  | Partnering in Changing Environments   | Jody Singer  | Discovery Hall |
| 9:45 AM  | Networking / Break  | Exhibits   | Atrium / Pub   |
| 10:00 AM | Partnerships Forum  | Tracy Lamm   | Discovery Hall |
| 10:15 AM | <b>Success Stories Panel</b><br>Ball Aerospace & Technology Corporation<br>Lockheed Martin Space Systems Company<br>Sierra Nevada Corporation<br>U.S. Army Space & Missile Defense<br>Command<br>Retired AMRDEC, Government Civilian<br>NIRPS | Dr. Dale Thomas (Moderator)<br>Jim Oschmann<br>Terry Abel<br>Cassie Kloberdanz<br>John London<br><br>Dr. Gerald Russell<br>Dr. Jamie Neidert | Discovery Hall |
| 11:15 AM | <b>Engineering Capabilities Panel</b><br>Materials and Processes Laboratory<br>Propulsion Systems<br>Space Systems Department<br>Test Laboratory<br>Spacecraft & Vehicle Systems  | Pam Caruso (Moderator)<br>John Vickers<br>Mark Rogers<br>Leigh Ann McMahon<br>Ralph Carruth<br>Dr. Dave Edwards                              | Discovery Hall |

# Afternoon Sessions



| Time     | Topic                      | Speaker                    | Location                   |
|----------|----------------------------|----------------------------|----------------------------|
| 12:15 PM | Lunch Pickup               | Exhibits                   | Pub Window / Atrium        |
| 12:30 PM | Lunch / Speaker            | Todd May                   | Discovery Hall             |
| 1:30 PM  | Technology Opportunities   | Andrew Keys                | Discovery Hall             |
| 2:00 PM  | ISS Payloads Opportunities | Marybeth Edeen<br>Ghee Fry | Discovery Hall             |
| 2:30 PM  | Networking / Break         | Exhibits                   | Atrium /<br>Discovery Hall |

## Breakout Sessions

| Discovery Hall |   | Board of Directors |  |
|----------------|---|--------------------|--|
| 2:45 PM        | Marshall Dual-Use Technology<br>CAN Release<br>(Scott Hutchins) | 3:00 PM            | Small Business –<br>Follow Up<br>(David Brock)                                 |
| 3:30 PM        | Centennial Challenge<br>(Sam Ortega)                            | 3:20 PM            | Partnerships Forum –<br>How To Get Engaged<br>(Frank Arena)                    |
|                |   | 3:45 PM            | Technology Transfer –<br>Licensing of available technologies<br>(Terry Taylor) |
| 4:15 PM        | Closing   | Stacy Counts       | Discovery Hall   |

| Topic                                      | Description                                 |
|--|---|
| <b>Center Capabilities</b>                 |   |
| <b>Partnerships</b>                        |   |
| <b>Technology Transfer</b>                 | <i>Fluid Structure Coupling Technology</i>  |
|  | <i>Hermetic Seal Leak Detection</i>         |
|  | <i>Thermal Stir Welding</i>                 |
|  | <i>Ultrasonic Welding</i>                   |
|  | <i>Variable Power Handheld Laser Torch</i>  |
| <b>Software Defined Radio<br/>(PULSAR)</b> |   |
| <b>Advanced Manufacturing</b>              | <i>Additive Manufacturing (3D Printing)</i> |
|  | <i>Selective Laser Melting</i>              |
| <b>ISS</b>                                 |   |
| <b>Green Propellant</b>                    |   |
| <b>NIRPS</b>                               |   |