## Technical Workshops

**Tuesday, July 15, 2008**

<table>
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<tr>
<th>Holloway Commons Salmon Falls</th>
<th>Holloway Commons Cocheco</th>
<th>Holloway Commons Lamprey</th>
<th>Holloway Commons Piscataqua</th>
<th>Memorial Union Computer Lab</th>
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<tr>
<td><strong>REASON Project Outcomes (p.m.)</strong></td>
<td><strong>Best Practices in Data and Services Interoperability</strong></td>
<td><strong>Open Track (a.m.) and Client Application Experiences &amp; Lessons Learned (p.m.)</strong></td>
<td><strong>NASA Earth Science Standards Processes Data Systems Working Group</strong></td>
<td><strong>DIAL Workshop</strong></td>
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</table>
| 8:30 | Web Service Protocols, Experiences & Best Practices  
• Best Practices in REST-Dan Mandl/Pat Cappelaere  
• Best Practices in SOAP: Brian Wilson/Liping Di  
• Michael Burnett/Andy Mitchell  
• WMS, Chris Lynnes  
• The OGC Web Coverage Service Specification and its Implementation, Liping Di | 8:30 Introduction & Background | 8:45-12 - MEASURES & New Missions  
• Deborah Smith – "Distributed Information Svcs: Climate/Ocean Products for Earth Research"  
• Rob Raskin – "SWEET" | The Morning Session will cover an overview of the technology, and hands on with existing modules and prototype applications. The Morning Session will focus on the application authoring system and the logic of design for using this system to create custom applications. A look at Adobe Director 11 and IDL 7 will provide the underpinnings for this effort. |
| 9:00 | The OGC Web Coverage Service Specification and its Implementation | 9:00-9:30 - MEASURES & New Missions  
• Deborah Smith – "Distributed Information Svcs: Climate/Ocean Products for Earth Research"  
• Rob Raskin – "SWEET" | Break |  |
| 9:30 | Discovery  
• ECHO, Michael Burnett and/or Andy Mitchell  
• Atom ServiceCasting to advertise Web Services, Brian Wilson (30 minute talk; 30 minute lab) | 9:30-10:00 - MEASURES & New Missions  
• Deborah Smith – "Distributed Information Svcs: Climate/Ocean Products for Earth Research"  
• Rob Raskin – "SWEET" | FGDC Creation - A Hands-On Metadata Creation Experience |  |
| 10:00 | Break | 10:00-10:15 - MEASURES & New Missions  
• Deborah Smith – "Distributed Information Svcs: Climate/Ocean Products for Earth Research"  
• Rob Raskin – "SWEET" | Best Practices for Developing and Maintaining a Metadata Catalogue System - The GCMD Perspective |  |
| 10:30 | Discovery  
• ECHO, Michael Burnett and/or Andy Mitchell  
• Atom ServiceCasting to advertise Web Services, Brian Wilson (30 minute talk; 30 minute lab) | 10:30-11:00 - MEASURES & New Missions  
• Deborah Smith – "Distributed Information Svcs: Climate/Ocean Products for Earth Research"  
• Rob Raskin – "SWEET" | Break |  |
| 11:00 | FGDC Creation - A Hands-On Metadata Creation Experience | 11:00-11:30 - MEASURES & New Missions  
• Deborah Smith – "Distributed Information Svcs: Climate/Ocean Products for Earth Research"  
• Rob Raskin – "SWEET" | Break |  |
| 11:30 | FGDC Creation - A Hands-On Metadata Creation Experience | 11:30-12:00 - MEASURES & New Missions  
• Deborah Smith – "Distributed Information Svcs: Climate/Ocean Products for Earth Research"  
• Rob Raskin – "SWEET" | Break |  |
| 12:00 | Lunch (Holloway Commons Servery) | 12:00-13:00 - MEASURES & New Missions  
• Deborah Smith – "Distributed Information Svcs: Climate/Ocean Products for Earth Research"  
• Rob Raskin – "SWEET" | Break |  |
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• Deborah Smith – "Distributed Information Svcs: Climate/Ocean Products for Earth Research"  
• Rob Raskin – "SWEET" | Break |  |
| 1:00 | Understanding and Orchestration  
• Ontologies for Earth System Science, Rob Raskin  
• SciFlo workflows, and ECHO Client for space/time granule query, Brian Wilson  
• GEOBrain BPELPower Workflow Engine, Liping Di | 1:00-1:30 - MEASURES & New Missions  
• Deborah Smith – "Distributed Information Svcs: Climate/Ocean Products for Earth Research"  
• Rob Raskin – "SWEET" | Lunch (Holloway Commons Servery) |  |
| 1:30 | Understanding and Orchestration  
• Ontologies for Earth System Science, Rob Raskin  
• SciFlo workflows, and ECHO Client for space/time granule query, Brian Wilson  
• GEOBrain BPELPower Workflow Engine, Liping Di | 1:30-3:30 - Oceans Session  
• Ken Casey - "Jason2/Ocean Surface Topography Mission—Standards Adoption Through Negotiation"  
• Ed Armstrong - "Data and Metadata Standards for the GHRSSST Project: Present and Future"  
• Ann Ball - "ISO DMAC Standards Process and Lessons Learned" | Break |  |
| 2:00 | MY NASA DATA-Making Earth Science data accessible | 2:00-2:30 - Oceans Session  
• Ken Casey - "Jason2/Ocean Surface Topography Mission—Standards Adoption Through Negotiation"  
• Ed Armstrong - "Data and Metadata Standards for the GHRSSST Project: Present and Future"  
• Ann Ball - "ISO DMAC Standards Process and Lessons Learned" | Break |  |
| 2:30 | Break | 2:30-3:00 - Oceans Session  
• Ken Casey - "Jason2/Ocean Surface Topography Mission—Standards Adoption Through Negotiation"  
• Ed Armstrong - "Data and Metadata Standards for the GHRSSST Project: Present and Future"  
• Ann Ball - "ISO DMAC Standards Process and Lessons Learned" | Time-enabled WMS Support in GoogleEarth |  |
| 3:00 | Break | 3:00-4:00 - Oceans Session  
• Ken Casey - "Jason2/Ocean Surface Topography Mission—Standards Adoption Through Negotiation"  
• Ed Armstrong - "Data and Metadata Standards for the GHRSSST Project: Present and Future"  
• Ann Ball - "ISO DMAC Standards Process and Lessons Learned" | 4:00-4:30 - Discussion with Frank Lindsay – Clarifying the HD Endorsement Process  
• Coordination with NASA Standards Website |  |
| 3:30 | Satellite Observations in Science Education-Free toolkit for developing scientific e-learning activities  
• OpenNDAP  
• Hyrax Installation and Customization, James Gallagher | 3:30-4:00 - Oceans Session  
• Ken Casey - "Jason2/Ocean Surface Topography Mission—Standards Adoption Through Negotiation"  
• Ed Armstrong - "Data and Metadata Standards for the GHRSSST Project: Present and Future"  
• Ann Ball - "ISO DMAC Standards Process and Lessons Learned" | Discussion – How should the SPG identify vetted, widely used standards for potential SPG adoption? |  |
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• Ann Ball - "ISO DMAC Standards Process and Lessons Learned" | Discussion – How should the SPG identify vetted, widely used standards for potential SPG adoption? |  |
| 4:30 | Satellite Observations in Science Education-Free toolkit for developing scientific e-learning activities  
• OpenNDAP  
• Hyrax Installation and Customization, James Gallagher | 4:30-5:15 - GEOSS SIF with Siri Jodha Khalsa  
• What does it mean if a standard shows up in the standards registry?  
• How does the SIF work with the regional SIFs?  
• Coordination with NASA Standards Website | 5:15-6:00 - Discussion – How should the SPG identify vetted, widely used standards for potential SPG adoption? |  |
| 5:00 | Satellite Observations in Science Education-Free toolkit for developing scientific e-learning activities  
• OpenNDAP  
• Hyrax Installation and Customization, James Gallagher | 5:00-5:30 - GEOSS SIF with Siri Jodha Khalsa  
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| 6:00 | Satellite Observations in Science Education-Free toolkit for developing scientific e-learning activities  
• OpenNDAP  
• Hyrax Installation and Customization, James Gallagher | 5:00-5:30 - GEOSS SIF with Siri Jodha Khalsa  
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