

OIN Workshop Agenda
Clemson University
Madren Conference Center
Clemson, SC

Day 1 - September 23, 2015. Focus: Science DMZ & related			
Time (EDT)	Agenda item	Speaker(s)	Location
7:30 AM	Breakfast (served until 8:30 AM)	-	Seminar Room I
Morning Session 1 (1.5 hrs)			Seminar Room I
8:30 AM	<i>Welcome, Introductions, & Motivation</i>	Jim Bottum - Clemson University VP & CIO; IU; ESnet	Seminar Room I
8:45 AM	<i>Overview: Workshop introduction & Need for Science</i>		
	<i>Engagement</i>	Kate Mace - Clemson University	Seminar Room I
9:00 AM	<i>Purpose of event, introduction to problem space</i>	ESnet	Seminar Room I
9:15 AM	<i>Science DMZ Introduction & Architecture</i>	ESnet	Seminar Room I
	About ESnet, Motivation for design pattern	ESnet	Seminar Room I
	Architecture discussion, equipment choice	ESnet, all	Seminar Room I
10:00 AM	BREAK (30 minutes)	-	Seminar Room I
Morning Session 2 (2 hrs)			Seminar Room I
10:30 AM	<i>Science DMZ Security, Best Practices</i>	ESnet	Seminar Room I
	Security Discussion, techniques, policy	ESnet, all	Seminar Room I
11:45 AM	<i>STN Design/Data Transfer Tools</i>	ESnet	Seminar Room I
	Overview of hardware, use of software	ESnet	Seminar Room I
12:30 PM	LUNCH (1 hr)	-	Seminar Room I
Afternoon Session 1 (1.5 hrs)			Seminar Room I
1:30 PM	<i>Globus Presentation & Hands on</i>	Globus	Seminar Room I
	Presentation on Globus as a data transfer tool	Globus	Seminar Room I
	Hands on component (with homework assignment): Server component install + client side application	Globus, all	Seminar Room I
2:45 PM	<i>PerfSONAR & Network Monitoring</i>	ESnet	Seminar Room I
	Intermediate perfSONAR use (audience driven)	ESnet	Seminar Room I
3:00 PM	BREAK (30 minutes)	-	Seminar Room I
Afternoon Session 2 (2 hrs)			Seminar Room I
3:30 PM	<i>PerfSONAR Present & Futures</i>	ESnet	Seminar Room I
4:30 PM	<i>Community Talk: Clemson CC-NIE award (Clemson NextNet)</i>	Chris Konger - Clemson University	Seminar Room I
5:00 PM	<i>Discussion Topics, Questions, etc. from the day</i>	All	Seminar Room I
5:30 PM	Adjourn	-	-

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Day 2 - September 24, 2015. Focus: SDN & AL2S			
Time (EDT)	Agenda item	Speaker(s)	Location
7:30 AM	Breakfast (served until 8:30 AM)	-	Seminar Room I
Morning Session 1 (1.5 hrs)			Seminar Room I
8:30 AM	<i>SDN Building Blocks, SDN Current State</i>	GRNOC	Seminar Room I
9:30 AM	<i>OpenFlow Tutorial</i>	GRNOC	Seminar Room I
10:00 AM	BREAK (30 minutes)	-	Seminar Room I
Morning Session 2 (2 hrs)			Seminar Room I
10:30 AM	<i>OpenFlow Tutorial (continued)</i>	GRNOC	Seminar Room I
11:00 AM	<i>OpenFlow Hands-on Exercise 1</i>	GRNOC, all	Seminar Room I
12:30 PM	LUNCH (1 hr)	-	Seminar Room I
Afternoon Session 1 (1.5 hrs)			Seminar Room I
1:30 PM	<i>SDN Troubleshooting Exercise 1</i>	GRNOC	Seminar Room I
2:15 PM	<i>SDN Implementation Considerations (Hardware, Controller Software, Testing)</i>	GRNOC	Seminar Room I
3:00 PM	BREAK (30 minutes)	-	Seminar Room I
Afternoon Session 2 (2 hrs)			Seminar Room I
3:30 PM	<i>SDN Troubleshooting Exercise 2</i>	GRNOC	Seminar Room I
4:00 PM	<i>Virtualization in AL2S</i>	Internet2	Seminar Room I
4:45 PM	<i>Community Talk: SDN work/project at Clemson University</i>	Ryan Izzard - Clemson University	Seminar Room I
5:15 PM	<i>Discussion Topics, Questions, etc.</i>	All	Seminar Room I
5:30 PM	Adjourn	-	-