

OIN U of Oregon Workshop Agenda (v8 – July 8th 2014)

Presenters: Jason Zurawski(ESnet), Brian Tierney (ESnet), Lauren Rotman (ESnet), and Raj Kettimuthu (Globus)

- **Day 1 (7 hrs total) = Science DMZ**
 - Breakfast (8am – 8:30am = .5hr)
 - Morning 1 (8:30am – 10:30am = 2 hrs)
 - 15 Min = Workshop Introduction & Welcome
 - **Presented by Jon-Paul & U Oregon CIO**
 - 30 Min = Need for Science Engagement
 - **Presented by Lauren**
 - Purpose of event, introduction to problem space
 - 1 hr 15 Min = Science DMZ Introduction and Architecture
 - **Presented by Jason**
 - About ESnet, Motivation for design pattern, Architecture discussion, equipment choice
 - Break (30 min)
 - Morning 2 (11:00am -12:00pm = 1 hr)
 - 1 Hours = Globus Presentation & Hands on
 - **Presented by Raj**
 - Presentation on Globus as a data transfer tool
 - Hands on component (with home work assignment)
 - Server component install + client application
 - Lunch (12:00pm – 1:00pm)
 - Afternoon 1 (1:00pm – 3pm = 2 hrs)
 - 1 Hour = DTN Design/Data Transfer Tools
 - **Presented by Brian**
 - Overview of hardware, use of software.
 - 1 Hours = perfSONAR & Network Monitoring
 - **Presented by Jason**
 - pS Overview. Tool use and setup. Hands on component
 - Break (30 min)
 - Afternoon 2 (3:30pm – 5:30pm = 2 hrs)
 - 45 Min = Science DMZ Security
 - **Presented by Brian**
 - Security Discussion, techniques, use of IDSs (Bro)
 - 45 Min = Community Talks
 - U of Oregon: CC-NIE Plans – José A. Domínguez
 - "Scientific Research and the Need for Innovative Networking" - Greg Bothun
 - 30 Min = Discussion Topics, Questions, Spill
 - **Presented by ESnet**

Presenters: Jon-Paul Herron (GRNOC), Tom Johnson (GRNOC), Ed Balas (GRNOC), Brent Sweeny (GRNOC), Matt Zekauskas (Internet2)

- **Day 2 (7 hrs total) = SDN & AL2S**
 - Breakfast (8am – 8:30am = .5hr)
 - Morning 1 (8:30am – 10:00am = 1.5hrs)
 - 15 Minutes = Intro for workshop
 - **Presented by Jon-Paul and local host**
 - 45 Minutes = SDN Building Blocks, Use Cases and Models
 - **Presented by IU Staff**
 - 30 Minutes = OpenFlow Tutorial
 - **Presented by IU Staff**
 - Break (30 min)
 - Morning 2 (10:30am -12:30pm = 2 hrs)
 - 30 Min = OpenFlow Tutorial
 - **Presented by IU Staff**
 - 1 Hour = OpenFlow Hands-on Exercise
 - **Presented by IU Staff**
 - 30 Min = Considerations for SDN Hardware & Software
 - **Presented by IU Staff**
 - Lunch (12:30pm – 1:30pm)
 - Afternoon 1 (1:30pm – 3pm = 1.5hrs)
 - 30 Min = How to Connect to AL2S
 - **Presented by Matt**
 - 1 Hour = SDN Troubleshooting Exercise
 - **Presented by IU Staff**
 - Break (30 min)
 - Afternoon 2 (3:30pm – 5:30pm = 2 hrs)
 - 15 Min = SDN Troubleshooting Exercise
 - **Presented by IU Staff**
 - 30 Min = SDN Testing/Validation
 - **Presented by IU Staff**
 - 45 Min = Community Talks
 - Oregon State: CC-NIE Plans - TBD
 - “Current Events in OpenDaylight” - Dave Meyer
 - 30 Min = Discussion Topics, Questions, Spill
 - **Presented by IU**