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**
  o Breakfast (8am – 8:30am = .5hr)
  o 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
  o Break (30 min)
  o 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
  o Lunch (12:00pm – 1:00pm)
  o 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
  o Break (30 min)
  o 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**
• **Day 2 (7 hrs total) = SDN & AL2S**
  o Breakfast (8am – 8:30am = .5hr)
  o 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*
  o Break (30 min)
  o 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*
  o Lunch (12:30pm – 1:30pm)
  o 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*
  o Break (30 min)
  o 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*