

OIN 21 Workshop Agenda (v4 – August 9th 2017)

Presenters: Jason Zurawski (ESnet), Kate Mace (ESnet), Rachana Ananthakrishnan (University of Chicago/Globus)

- **University of Hawaii at Manoa, Information Technology Center (ITC), Room: 105AB**
- **Day 1 (Monday August 14th) = Science DMZ**
 - **Breakfast (7:30am – 8:30am = 1hr)**
 - **Morning 1 (8:30am – 10:00am = 1 hrs 30min)**
 - **5 min = Welcome**
 - **Presented by Ron Merrill, High Performance Computing Manager, University of Hawaii System ITS**
 - 10 Min = Introductions & Motivation
 - **Presented by IU, ESnet, Internet2**
 - 30 Min = Workshop Introduction & Science Engagement
 - **Presented by Kate**
 - 45 Min = Science DMZ Architecture
 - Motivation for design pattern, Architecture discussion
 - **Presented by Jason**
 - **Break (30 min)**
 - **Morning 2 (10:30am -12:00pm = 1 hrs 30min)**
 - 45 Min = Science DMZ Security, Best Practices
 - Security Discussion, techniques, policy. Bro
 - **Presented by Kate**
 - 45 Min = DTN Design/Data Transfer Tools
 - Overview of hardware, use of software
 - **Presented by Jason**
 - **Lunch (12:00pm – 1:00pm)**
 - **Afternoon 1 (1:00pm – 3:00pm = 2hr)**
 - 75 Min = Globus Presentation & Hands on
 - Presentation on Globus as a data transfer tool
 - Hands on
 - **Presented by Rachana**
 - 45 Min = Intro to perfSONAR
 - **Presented by Jason**
 - **Break (30 min)**
 - **Afternoon 2 (3:30pm – 5:00pm = 1 hr 30 min)**
 - 30 Min = perfSONAR Debugging
 - **Presented by Jason**
 - 45 Min = Local Research Talk
 - **Presented by Curt Dodds - IT Manager at Institute for Astronomy, University of Hawaii**
 - 15 Min = Discussion Topics, Questions, Spill

Presenters: Uwe Dahlmann (GRNOC), Andrew Lee (IU International Networks), TBD (Internet2)

- **University of Hawaii at Manoa, Information Technology Center (ITC), Room: 105AB**
- **Day 2 (Tues Aug 15th)= SDN & AL2S**
 - **Breakfast (7:30am – 8:30am = 1hr)**
 - **Morning 1 (8:30am – 10:00am = 1.5hrs)**
 - 15 Minutes = Intro to SDN
 - **Presented by TBD**
 - 75 Minutes = SDN Building Blocks, & Current State
 - Introduction, SciPass
 - **Presented by TBD**
 - **Break (30 min)**
 - **Morning 2 (10:30am -12:00pm = 1.5 hrs)**
 - 60 Minutes = OpenFlow Tutorial
 - **Presented by TBD**
 - 30 Minutes = Openflow Hands-on 1
 - **Presented by TBD**
 - **Lunch (12:00pm – 1:00pm)**
 - **Afternoon 1 (1:00pm – 3pm = 2 hrs)**
 - 30 minutes = OpenFlow Hands-on Exercise 2
 - **Presented by TBD**
 - 60 Min = SciPass Hands-on
 - **Presented by TBD**
 - **Break (30 min)**
 - **Afternoon 2 (3:30pm – 5:00pm = 1.5hrs)**
 - 45 Min = Other SDN approaches: Example the GRNOC Dist-Tool
 - **Presented by TBD**
 - 45 Min = How to Connect to AL2S
 - **Presented by TBD**