

## OIN 23 Workshop Agenda (v3 – November 28<sup>th</sup> 2017)

Presenters: Jason Zurawski (ESnet), Kate Mace (ESnet), Greg Nawrocki (University of Chicago/Globus)

- **1900 Gravier St.,  
New Orleans, LA 70112  
Room: SoN/AH Seminar Room 2 (147)**
- **Day 1 (Tuesday December 5<sup>th</sup>) = Science DMZ**
  - **Breakfast (7:30am – 8:30am = 1hr)**
  - **Morning 1 (8:30am – 10:00am = 1 hr 30 min)**
    - 15 min = Welcome, Introductions & Motivation
      - **Presented by Bettina Owens - Asst Vice Chancellor For Information Technology**
    - 30 Min = Workshop Introduction & Science Engagement
      - **Presented by Kate**
    - 45 Min = Science DMZ Architecture
      - Motivation for design pattern, Architecture discussion
      - **Presented by Jason**
  - **Break (15 min)**
  - **Morning 2 (10:15am -12:00pm = 1 hrs 45min)**
    - 45 Min = Science DMZ Architecture (cont)
      - Motivation for design pattern, Architecture discussion
      - **Presented by Jason**
    - 45 Min = Science DMZ Security, Best Practices
      - Security Discussion, techniques, policy
      - **Presented by Kate**
    - 15 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)**
    - 15 Min = DTN Design/Data Transfer Tools (cont)
    - 75 Min = Globus Presentation & Hands on
      - Presentation on Globus as a data transfer tool
      - **Presented by Greg**
    - 30 Min = Intro to perfSONAR & perfSONAR Debugging
      - **Presented by Jason**
  - **Break (15 min)**
  - **Afternoon 2 (3:15pm – 5:00pm = 1 hr 45min)**
    - 60 Min = Intro to perfSONAR & perfSONAR Debugging (cont)
      - **Presented by Jason**
    - 30 Min = Local Research Talk
      - **Presented by Mohamad Qayoom - LSU Health Science Center New Orleans**
    - 15 Min = Discussion Topics, Questions, Spill

Presenters: Uwe Dahlmann, Hans Addleman (IU International Networks), Matt Zekauskas (Internet2)

- **1900 Gravier St.,  
New Orleans, LA 70112  
Room: SoN/AH Seminar Room 2 (147)**
- **Day 2 (Wednesday December 6<sup>th</sup>)= SDN & AL2S**
  - **Breakfast (7:30am – 8:30am = 1hr)**
  - **Morning 1 (8:30am – 10:00am = 1.5hrs)**
    - 15 Minutes = Intro to SDN
      - **Presented by Uwe**
    - 75 Minutes = SDN Building Blocks, & Current State
      - Introduction, SciPass
      - **Presented by Uwe, Hans**
  - **Break (15 min)**
  - **Morning 2 (10:15am -12:00pm = 1 hr 45min)**
    - 60 Minutes = OpenFlow Tutorial
      - **Presented by Uwe**
    - 45 Minutes = Openflow Hands-on 1
      - **Presented by Hans**
  - **Lunch (12:00pm – 1:00pm)**
  - **Afternoon 1 (1:00pm – 3pm = 2 hrs)**
    - 45 Min = The Advanced Layer 2 Service and Network Virtualization
      - **Presented by Matt**
    - 60 Min = SciPass Hands-on
      - **Presented by Hans**
    - 15 minutes = OpenFlow Hands-on Exercise 2
      - **Presented by Hans**
  - **Break (15 min)**
  - **Afternoon 2 (3:15pm – 5:00pm = 1 hr 45 min)**
    - 45 minutes = OpenFlow Hands-on Exercise 2 (cont)
      - **Presented by Hans**
    - 45 Min = Other SDN approaches: Example the GRNOC Dist-Tool
      - **Presented by Uwe/Hans**
    - 15 Min = Discussion Topics, Questions, Spill