

# Quantum Networks for Open Science Workshop

## September 25-26, 2018

### Hilton Hotel, Rockville MD

## Agenda

### Day 1

---

07:00 AM – 08:00 AM Breakfast

08:00 AM – 08:05 AM Logistics

Julie Webber

08:05 AM – 08:10 AM Welcome

Barb Helland (ASCR

08:10 AM – 08:45 AM Workshop Goals & Objectives

Director) Thomas Ndousse-

08:45 AM – 09:00 AM Workshop Organization

Fetter Prem Kumar, Warren

09:00 AM – 09:45 AM Plenary Talk 1

Grice Chip Elliott

09:45 AM – 10:15 AM Plenary Talk 2

Leandros Tassiulas

10:15 AM – 10:30 AM Coffee Break

#### Quantum Networks: Motivation & Impact

Andrei Nomerotski, Nick Peters

10:30 AM – 11:00 AM Introduction

11:00 AM – 12:00 PM Parallel Breakout Groups

Breakout topics TBD

12:00 PM – 01:00 PM Lunch

12:00 PM – 12:15 PM Organizing Committee Meeting

#### Quantum Networks: Network Design

Tom Chapuran, Don Towsley

01:00 PM – 01:30 PM Introduction

01:30 PM – 02:30 PM Parallel Breakout Groups

Breakout topics TBD

02:30 PM – 02:45 PM Coffee Break

#### Quantum Networks: Devices & Subsystems

Saikat Guha, Scott Hamilton, Ray Newell

02:45 PM – 03:15 PM Introduction

Edo Waks, Greg Kanter

03:15 PM – 04:15 PM Parallel Breakout Groups

Breakout topics TBD

04:15 PM – 04:30 PM Coffee Break

#### Quantum Networks: Operation & Control

Inder Monga, Ben Yoo

04:30 PM – 05:00 PM Introduction

05:00 PM – 06:00 PM Parallel Breakout Groups

Breakout topics TBD

06:00 PM Adjourn

7:30 PM – 8:30 PM Organizing Committee Meeting

## Day 2

---

07:30 AM – 08:30 AM Breakfast

### Day 1 Outbriefs

08:30 AM – 09:00 AM Motivation & Impact

A. Nomerotski, N. Peters

09:00 AM – 09:30 AM Network Design

T. Chapuran, D. Towsley

09:30 AM – 10:00 AM Devices & Subsystems

S. Guha, S. Hamilton, R. Newell

10:00 AM – 10:30 AM Operation & Control

I. Monga, B. Yoo

10:30 AM – 10:45 AM Coffee Break

10:45 AM – 11:15 AM Plenary Talk 3

Alan Willner

11:15 AM – 12:15 PM Cross-cutting Group Discussion

P. Kumar, W. Grice

12:15 PM – 01:30 PM Lunch

12:15 PM – 12:30 PM Organizing Committee Meeting

01:30 PM – 03:00 PM Breakout Groups, Workshop Report

Motivation & Impact

Network Design

Devices & Subsystems

Operation & Control

03:00 PM – 03:15 PM Coffee Break

03:15 PM – 04:45 PM Breakout Groups, Workshop Report

Motivation & Impact

Network Design

Devices & Subsystems

Operation & Control

04:45 PM – 05:00 PM Closing Remarks

Thomas Ndousse-Fetter