

**Session Program**

**Oct 16 - 20, 2017**

**HEPiX Fall/Autumn 2017 Workshop**

***Networking and security***

KEK

1-1 Oho, Tsukuba, Ibaraki 305-0801 Japan 36°09'01.0"N 140°04'28.1"E 36.150290, 140.074485

# Mon, October 16

2:00 PM

## Networking and security: Common session of HEPiX and LHCOPN/ LHCONE

Session |

Location: KEK, 1-1 Oho, Tsukuba, Ibaraki 305-0801 Japan 36°09'01.0"N 140°04'28.1"E 36.150290, 140.074485

14:00 - 14:25 **The LHCONE network**

**Speaker**

Mr Vincenzo Capone

14:25 - 14:50 **WLCG/OSG Networking Update**

**Speaker**

Marian Babik

14:50 - 15:15 **The TransPAC project**

**Speaker**

Andrew Lee

15:15 - 15:40 **AutoGOLE bringing high speed data transfers**

**Speaker**

Joe Mambretti

3:40 PM

4:10 PM

## Networking and security: Common session of HEPiX and LHCOPN/ LHCONE

Session |

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16:10 - 16:35

**Next Generation Software Defined Services and the Global Research Platform**

**Speaker**

Joe Mambretti

16:35 - 17:00 **NetSage, a unified network measurement and visualization service**

**Speaker**

Andrew Lee

17:00 - 17:25 **Tier-1 networking cost and optimizations**

**Speaker**

Erik Mattias Wadenstein

17:25 - 17:50 **Network Functions Virtualisation Working Group Proposal**

**Speaker**

Marian Babik

5:50 PM

## Tue, October 17

2:00 PM

### Networking and security

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14:00 - 14:20

#### Recent network connectivity around KEK

**Speaker**

Soh Suzuki

14:20 - 14:40

#### Network related updates in IHEP

**Speaker**

Mr zhihui sun

14:40 - 15:05

#### Netbench -testing network devices with real-life traffic patterns

**Speaker**

Stefan Nicolae Stancu

15:05 - 15:30

#### Deployment of IPv6-only CPU on WLCG - an update from the HEPiX IPv6 Working Group

**Speaker**

Dave Kelsey

3:30 PM

4:00 PM

### Networking and security

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16:00 - 16:25

#### Using Configuration Management to deploy and manage network services

**Speaker**

Quentin Barrand

16:25 - 16:50

#### Follow-up about Wi-Fi service enhancement at CERN

**Speaker**

Vincent Ducret

16:50 - 17:15

#### Configuration automation for CERN's new Wi-Fi infrastructure

**Speaker**

Quentin Barrand

17:15 - 17:40

#### Firewall Load-Balancing solution at CERN

**Speaker**

Vincent Ducret

5:40 PM

# Wed, October 18

4:00 PM

## Networking and security

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16:00 - 16:25

### Low-Power Wide-Area Network (LPWAN) at CERN

**Speaker**

Mr Rodrigo Sierra

16:25 - 16:50

### Fancy Networking

**Speaker**

Tristan Suerink

16:50 - 17:15

### Network Automation for Intrusion Detection System

**Speaker**

Adam Lukasz Krajewski

5:15 PM

# Thu, October 19

9:00 AM

## Networking and security

**Session** |

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09:00 - 09:25 **EGI CSIRT: Keeping EGI Secure**

**Speaker**

Vincent Brillault

09:25 - 09:50 **Security update**

**Speaker**

Romain Wartel

09:50 - 10:15 **Current Status and Future Directions of KEK Computer Security**

**Speaker**

Dr Fukuko Yuasa

10:15 - 10:40 **Security: case study**

**Speakers**

Romain Wartel, Vincent Brillault

10:40 AM