# OpenFabrics Alliance Workshop
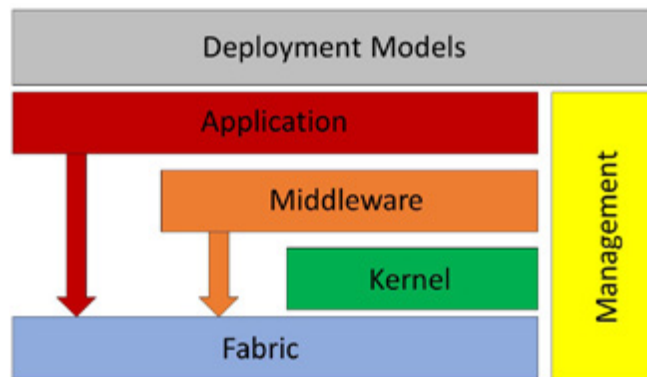
March 17-19, 2020
The Blackwell Inn and Conference Center
Columbus, Ohio, U.S.A.

## CALL FOR SESSIONS

The OpenFabrics Alliance (OFA) has published a Call for Sessions for its 16th annual OFA Workshop, taking place March 17-19, 2020, in Columbus, OH. It is the only event of its kind where fabric developers and users can discuss emerging fabric technologies, collaborate on future industry requirements, and address problems that exist today.

The 2020 OFA Workshop will focus on the following overarching topics that span the entire network stack:



**Advanced Networking from Top to Bottom**

### Application Layer (Developers & Users)
- Artificial Intelligence
- Machine Learning
- Enterprise Applications
- HPC Applications
- Data Analytics

### Kernel
- RDMA Subsystem Internal
- Core Kernel Related to RDMA Subsystem
- Virtualized Networks

### Middleware Layer
- Communications Libraries (MPI, SHMEM)
- Development Kits (SPDK, DPDK, etc.)
- Libfabric
- Verbs
- OFED
- Kernel Bypass
- Remote Persistent Memory

### Deployment Models
- Networks for Cloud Infrastructures
- Networking in a Hyperscaler Environment
- Network Support for Virtualized Environments

### Fabric Layer
- Emerging Fabrics
- New Technologies & Topologies
- Routing
- Wire Protocols (iWARP, RoCE, etc.)
- Processor Attach Points (CXL, PCIe, etc.)
- NIC and Switch Hardware

### Management / System Administration
- Managing Networks
- Management Applications
- Performance Tuning
- Heterogeneous Fabrics
- Interoperability between Adjacent Fabrics
- Standards-based versus Proprietary

**Workshop participants include:** Application developers & end users / Communications middleware developers / Network & storage vendors & researchers / OS Solutions developers / Enterprise Data center managers & architects / Systems & network administrators / System OEMs, architects & integrators / Kernel developers & maintainers.

## IMPORTANT DATES

Submissions due by January 17, 2020        Speaker notifications by February 3, 2020

## SESSION FORMATS

Session proposals are being solicited in any area related to high performance networks and networking software, with a special emphasis on the highlighted topics for this year's Workshop. In keeping with the Workshop's emphasis on collaboration, proposals for Birds of a Feather sessions and Panels are particularly encouraged.

- **Single-Speaker Sessions**
  - Generally 30 minutes, allowing exploration of key topics
- **Panel Discussions**
  - An excellent way to drive debate and discussion
- **Birds of a Feather**
  - An opportunity for attendees to compare notes on a particular topic
- **Lightning Talks**
  - A fast-moving, free-form discussion (no slides) - onsite sign ups only

## SUBMISSION INSTRUCTIONS

Visit our Call for Session page for submission details. Proposal must be received by **January 17, 2020 by 5:00 p.m. PST**. The Technical Program Committee will respond to proposals by **February 3, 2020.**