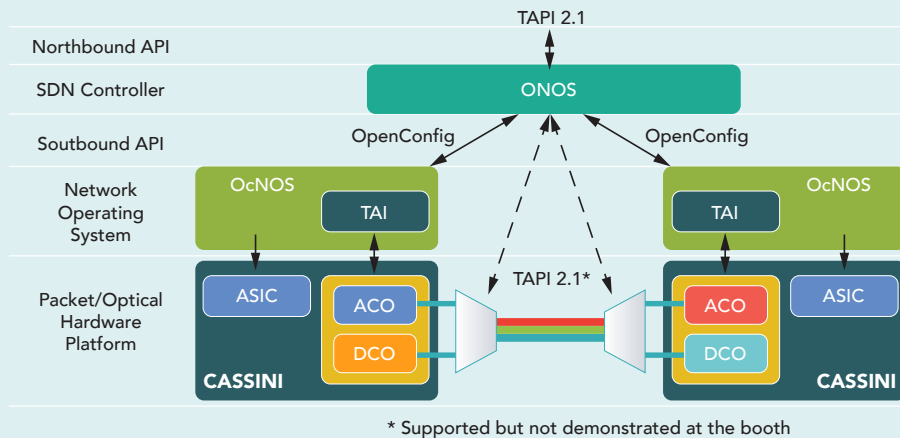


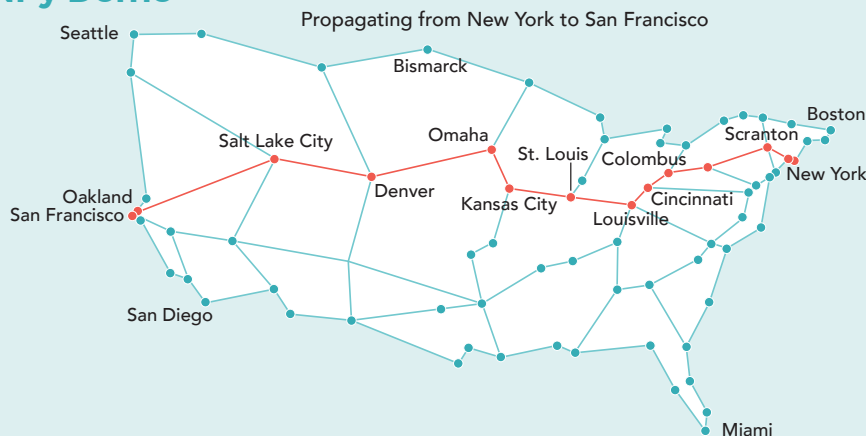
The Open Optical & Packet Transport (OOPT) group within the Telecom Infra Project (TIP) defines open technologies, architectures and interfaces in Optical and IP Networks. We invite you to come see the demos and presentations on various OOPT technologies including hardware, software tooling, use cases and APIs.

## Open Optical Solution Demo



Ready for implementation, the SDN controller ONOS from ONF can instruct OcNOS from IP Infusion via OpenConfig to configure the wavelength of the optical modules from Lumentum, Fujitsu Optical Components and Acacia Communications and also manage the client side ports on the Cassini from Edgecore Networks.

## GNPy Demo



Release 1.2 of GNPy enables the user to simulate DWDM networks in a vendor-neutral manner quickly allowing to evaluate what-if scenarios in seconds to optimize service delivery and resource usage. Come learn about our next steps and watch out at OFC for first results presented by Vittorio Curri from PoliTo.

## Disaggregated Cell Site Gateway (DCSG)

White-box cell site routers based on an open and disaggregated architecture for existing 2G/3G/4G and future 5G mobile infrastructures. The first DCSG prototypes are now available and displayed at our booth.

## Voyager

Industry's first open and disaggregated converged packet/optical transponder. Voyager was an original design contributed by Facebook that is now being evolved and taken to market by ADVA, running software from Cumulus Networks.

## Converged Architectures for Network Disaggregation and Integration (CANDI)

Our new sub-group has identified and is working through details on two operator use-cases which this group will test and validate. Come to our booth to learn more.

## Presentations and demos

- **Session: The Disaggregated Transport Network**
  - **Date:** Tuesday, March 5, 2019, Time: 2:30 PM-3:30 PM, **Location:** Theater III
  - **Víctor López** Telefónica, **Gert Grammel** Juniper Networks, **Jay Gill** Infinera, **Hirotaaka Yoshioka** NT
- **Session: The New Transport Network**
  - **Date:** Thursday, March 7, 2019, Time: 2:30 PM-4:00 PM, **Location:** Theater III
  - **Vittorio Curri** Politecnico di Torino, **Scott Emery** Cumulus Networks, **Wataru Ishida** NTT Electronics America, **Hans-Juergen Schmidtke** Facebook
- **Open Platform Summit: Will Disaggregation Drive Core Network Deployments in 2025?**
  - **Date:** Monday, 4 March, Time: 4:30 PM-7:00 PM, **Location:** Room 7
  - Open Source Software and White Box Hardware Driving Optical Network Disaggregation  
**Andrea Campanella**, ONF
  - The Open and Disaggregated Networks Powering the Microsoft Cloud  
**Mark Filer**, Microsoft
  - White Box as a Next Generation Transport Platform?  
**Akira Hirano**, NTT
  - Opening up Long Distance Optical Networks: Pros, Cons, and Caveats  
**Scott Mountford**, AT&T
  - Opportunities and Challenges of Disaggregation in Subsea Networks  
**Tim Stuch**, Facebook
- **Demo: NTT TAI/Cassini feasibility testing results and demonstration**
  - **Date:** Thursday, March 7, 2019. Time: 9:00 AM-12:00 AM, **Location:** Room 24A (Upper level)  
Presentation of some feasibility testing results and live demonstration of OcNOS and Fujitsu network OS on the Cassini platform showcasing some essential operations such as CLI, optical parameter monitoring, in-service optical module replacement and alarm monitoring for network and service operators.
- **Demo: OSA 100G ACO/DCO hardware interop utilizing Cassini platform**
  - **Date:** Tuesday, March 5 ~ Thursday, March 7, **Location:** Booth #6421  
This demonstration shows live interoperability of pluggable CFP2-ACO and CFP2-DCO modules from multiple vendors (Acacia Communications, Fujitsu Optical Components and Lumentum) operating at 100Gbps. The modules are plugged into a white box switch from Edgecore Networks, and transmit and receive HD-FEC coded 100Gbps DP-QPSK optical signals traversing optical fiber over distances covering data center interconnects. This demonstration is coordinated by NTT Network Innovation Laboratories.
- **Demo: Discovery and control of a disaggregated optical network through open source software and open APIs.**
  - **Date:** Monday, 4 March, Time: 2:00 PM-4:30 PM, **Location:** Room 6A  
ONOS discovers and manages a topology made of Transponders and dedicated OLS, using standard protocols (NETCONF/RESTCONF) and models (OpenConfig/TAPI).

## Find us at OFC

# Booth #2411

## What next

- **Join the OOPT Project Group:**  
[oopt.telecominfraproject.com](http://oopt.telecominfraproject.com) to learn and contribute
- **Contact us:** [OOPT-Info@telecominfraproject.com](mailto:OOPT-Info@telecominfraproject.com)

## Partners

