

Advancing Next Generation Cloud Data Center Networks







About Marvell

To deliver the data infrastructure technology that connects the world, we're building solutions on the most powerful foundation: our partnerships with our customers. Trusted by the world's leading technology companies for 25 years, we move, store, process and secure the world's data with semiconductor solutions designed for our customers' current needs and future ambitions. Through a process of deep collaboration and transparency, we're ultimately changing the way tomorrow's enterprise, cloud, automotive, and carrier architectures transform—for the better.





Marvell offers the most complete data infrastructure portfolio

Latest Additions



Atlas™ 50G PAM4 Digital Signal Processor



Deneb™ 400G Digital Signal Processor



Alaska® 88X93160 1.6T Ethernet PHY in 5nm



Processors

#1 in baseband and data processor units (DPUs)

Storage

#1 in HDD, SSD and Fibre Channel controllers

Networking

#1 in PAM4 DSPs,linear TIAs and drivers#2 in switches, copper PHYs and coherent DSPs



Security

#1 in security processors
and cloud hardware
security modules (HSM)





Marvell Thought Leadership at OFC 2021

Radha Nagarajan, CTO & SVP, Platforms

Sun, June 6 at 5 pm – 7:30 pm PT Workshop: <u>Which Device Technologies will Get Us Beyond</u> <u>400G</u>

Loi Nguyen, Executive VP, Optical and Copper Connectivity

Group Mon, June 7 at 1:00 pm – 3 pm PT Panel: <u>Deployment Challenges of 400G Optics and Beyond</u>

Radha Nagarajan, CTO & SVP, Platforms

Tues, June 8 at 2:30 pm – 4:00 pm PT Market Watch panel: <u>Terabit WDM Channels: Beyond 100</u> <u>GBaud Operation</u> Radha Nagarajan, CTO & SVP, Platforms, Optical and Copper Connectivity Group Wed, June 9 at 1:30 pm -2:30 pm PT IEEE panel: <u>Next Generation Optical Interfaces</u>

Ilya Lyubomirsky, Sr. Technical Director, Optical and Copper Connectivity Group Wed, June 9 at 6:00 – 8:00 pm PT Rump session :Did the Optics Industry Blunder by Switching Intra-Datacenter Links from NRZ to PAM4? Will More DSP like PAM6 and Coherent Follow, or Will WDM and Parallel Save the Day?

Josef Berger, AVP Marketing, Optical and Copper Connectivity Group Thurs, June 10 at 2:00 pm – 3:30 pm PT Show floor panel: <u>Embedded Optics for High-Speed Switching</u>

Josef Berger, AVP Marketing, Optical and Copper Connectivity Group

Fri, June 11 at 11:30 am – 1 pm PT Show floor panel: <u>400ZR Deployment and What's Next - an OIF Update</u>



Essential technology, done right[™]