



University of New Hampshire
InterOperability
Laboratory



Wi-Fi 6 and Broadband Forum test methods

<p>10-May-2019 10 am – 2 pm</p> <p>Lunch served</p>	<p>Everyone’s focused on shipping Wi-Fi 6 (11ax) products and the industry needs standardized performance test methods. Since the Wi-Fi Alliance is focusing on <i>interoperability</i>, the Broadband Forum has focused on <i>performance</i> testing. We will discuss both interoperability and performance test methods at this seminar.</p> <p>octoScope’s live demos will include Wi-Fi 6 operation and sniffing. UNH InterOperability Lab (UNH-IOL) will overview the recently released Broadband Forum TR-398 standard for Wi-Fi performance testing. SmallNetBuilder.com will show an automated demo of TR-398. And dot11 Labs will demonstrate a comparison of running TR-398 tests in a house vs. in the octoBox testbed.</p> <p>We will cover test methods for throughput vs. range, OFDMA, interference, mesh, roaming and band steering.</p> <p>Bring your own devices if you would like to run some tests after the seminar.</p>
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Registration

You can attend in person or online. Please register [at this link](#).

Location

octoScope, 780 Montague Expressway, Building 1, San Jose CA

Presenters



Leigh Chinitz, Ph.D. has worked in the wireless and data communications field since 1993 with companies including Casa Systems, Cisco and Motorola. Prior to joining octoScope, he was a wireless strategist at the Casa CTO office. Leigh joined Casa from Cisco where he was a Wi-Fi Advanced Services Solutions Architect. His background includes Wi-Fi, UMTS, CDMA, femtocell, small cells and regulatory work with the FCC. He is a frequent speaker at industry conferences, and a contributor to the Wi-Fi Alliance, IEEE, TIA, and ITU standards development. Leigh has a BS in Physics from Yale, a Ph.D. and an MBA. He holds 20 US patents.



Lincoln Lavoie is a senior engineer and acts as an industry lead for the executive steering body at the University of New Hampshire InterOperability Laboratory (UNH-IOL). In this role, he is responsible for the technical management of the broadband access technology grounds, including NFV, Wireless, DSL, Gfast, GPON, and PoE. In addition to his duties with the UNH-IOL, Lincoln participates in many industry organizations, including the Broadband Forum (BBF) and OPNFV. Lincoln currently holds leadership / editor roles within the BBF and contributor / committer roles within OPNFV.



Tim Higgins spent a few decades as an engineer and manager in the automatic test equipment industry. This taught him how to make products tell their secrets, which he now shares via SmallNetBuilder.com. For almost 20 years, Tim has been setting the standard for test, analysis and review of consumer Wi-Fi and other networking products. His work has been cited by Bloomberg Business, USA Today, Wall Street Journal, New York Times, Computerworld, Forbes and other leading publications.



Craig Smith, the Principal of dot11 Labs, is one of the Wi-Fi pioneers who has been working with Wi-Fi back when 802.11b was cutting edge technology. Craig's career includes wireless companies such as Intersil, 2Wire, Airgain and Xirrus. In 2016, Craig founded dot11 Labs, which specializes in Wi-Fi performance testing and offers a unique set of open-air and octoBox test services.