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# LO: Advanced Wireless - Diving Into the Black Art of Wireless and Making it Work for You and Your Organization

Conference: [Hands-on MacLabs](#)

Session Code: LO

Speaker:

[Dr. Bill Wiecking](#) – *Hawaii Preparatory Academy*

January 17, 2008

2:00pm - 4:00pm

Session Description:

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For those interested in going further into the "black art" of wireless networking, you will learn how to setup ironclad security with RADIUS and WPA2, how to use advanced diagnostic tools, both hardware and software for setting up wireless networks, and how to go beyond: long distance wireless, increased coverage, roaming for users, comprehensive wired and wireless solutions, design, layout and survey tools will be demonstrated.

Case studies will demonstrate how to make the best of your SOHO, campus or enterprise wireless network, including unique solutions to challenging situations. Learn how insecure most networks are, and how to make sure you are not one of these by using VPN, RADIUS and WPA2. Hands-on lessons will enable you to handle even the most challenging wireless scenario with confidence. Learn about WDS, iPhone integration, and what's on the horizon for wireless users, administrators, and visionaries.

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