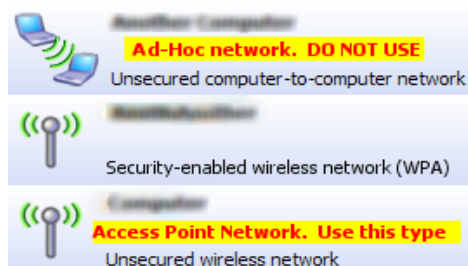# MOSCONE CENTER

Quick tips on how to improve the wireless experience at AGU 2011

1. Update your network drivers
   - Running with the most updated drivers for your computer will increase performance, and ensure you have the most updated security features that your operating system offers.
2. Connect to only AGU2011

3. Disable the ADHOC feature:
   - ADHOC mode is a method for wireless devices to directly communicate with each other. Operating in ad-hoc mode allows all wireless devices within range of each other to discover and communicate in peer-to-peer fashion without involving central access points. This is a major issue because ADHOC users will be mistaken for the real wireless network you are trying to access.
   - To disable ADHOC mode, you will need to know your operating system and follow the steps in the link below
     i. http://www.3gpp.org/ftp/tsg_ran/WG2_RL2/Org/Turning_off_WLAN_Ad-Hoc_mode_l.pdf
4. Leave your MiFi (personal hotspot) in your hotel
   - MiFi ("My WiFi", Mobile wireless hotspots, ie. Verizon 5 spot, ATT MiFi...). These devices emit an RF signal that will interfere with all other wireless signals around. We ask that you leave them in your hotel or at home, and take advantage of the AGU2011 wireless experience.
   - Do not enable your mobile phone as a hot-spot within the AGU Wireless zones. Enabling your smart phone as a hot spot will have the same effects on the wireless as a MiFi.
5. Enable 5GHz band
   - If your device can support the 5GHz band we highly recommend that you enable it to be your preferred connection.
     i. 5GHz is the RF frequency that newer devices will have as a dual band option.
     ii. 2.4Ghz is the most common band for older devices, and is the most saturated of frequencies.
     iii. 802.11 a/n runs on the 5GHz band
     iv. 802.11 b/g/n runs on the 2.4GHz band
     v. To find out what type of wireless your device supports please refer to your user manual or manufacturer guide.
6. If you are still having problems connecting come visit us at our Wireless help desk located in the Poster Hall at Moscone South, and on the 2nd Floor Lobby in the Moscone West building.