



## Avviso di Seminario

**Giovedì 06 Novembre 2014 – ore 15.00**

**Facoltà di Ingegneria, Sala degli Affreschi , Via Eudossiana, 18 - 00184 Roma**

**Titolo**            **Spectrum Sharing Challenges and Academic Opportunities**

**Autore**           **Dr. Joseph Mitola III,**  
**Hume Center of Virginia Tech President, CEO Hackproof Technologies Inc**  
**Mitola's STATISfaction DoD SME and MITRE Contract Systems Engineer Consultant**

### **Sommario**

The US Federal Communications Commission (FCC) proposes to share the 3550 MHz US military radar band with commercial uses including WiFi-like personal LANs and LTE small cells, 250 m outdoor coverage per cell. Dr. Mitola was a representative to the US President's Council of Advisors on Science and Technology (PCAST) from which these recommendations originated, resulting in President Obama's US policy directive on 14 June 2013 that sharing federal spectrum with the commercial sector is the policy of the US. Between 4 and 6 Nov, the Wireless Innovation Forum will meet in Rome to collaborate with colleagues on spectrum sharing and other topics of mutual interest. Dr. Mitola will review PCAST, FCC proceedings, WinnF activities, and the challenges and opportunities for technology leverage between the US and Europe emphasizing academic research and collaboration.

### **Biografia**

*Dr. Joseph Mitola is known globally as the "godfather" of software defined radio and of cognitive radio having invented both terms and published seminal technical papers as well as the first graduate text books on both topics. During his career, he held positions of technical leadership with US Department of Defense (DoD), ITT Corp, Harris, E-Systems (now Raytheon), ADS (an artificial intelligence start up company in the 1980's), the MITRE corporation, and Stevens Institute of Technology where he retired as Vice President for the Research Enterprise in 2012. Dr. Mitola provides subject matter expert assistance for a variety of commercial and government clients including Federated Wireless where he is Chief Product Scientist.*

Il seminario avrà la durata massima di 45 minuti.  
Per informazioni rivolgersi a: [mariagabriella.dibenedetto@newyork.ing.uniroma1.it](mailto:mariagabriella.dibenedetto@newyork.ing.uniroma1.it)