

## WSRD Workshop VIII: Wireless Spectrum Sharing: Enforcement Frameworks, Technology and R&D

### Resources and Reading List:

#### Alpha by Author:

DeVries, Pierre. "Optimizing receiver performance using harm claim thresholds," *Telecommunications Policy*. October, 2013. <http://dx.doi.org/10.1016/j.telpol.2013.04.008>

DeVries, Pierre. "Risk-Informed Interference Assessment: A Quantitative Basis for Spectrum Allocation Decisions," *TPRC 43: The 43rd Research Conference on Communication, Information and Internet Policy Paper*, September 2015. <http://ssrn.com/abstract=2574459>

Grunwald, Dirk, et al. "Systems for Spectrum Forensics," September 2015.  
<http://dl.acm.org/citation.cfm?id=2799657>

Lichtman, Mark; Poston, Jeffery; et. al. "A Communications Jamming Taxonomy," *Wireless@VT*,  
[http://www.buehrer.ece.vt.edu/papers/Com\\_Jam\\_Taxonomy.pdf](http://www.buehrer.ece.vt.edu/papers/Com_Jam_Taxonomy.pdf)

Sahai, Anant et al. "Crime and punishment for cognitive radios,"  
<http://www.eecs.berkeley.edu/~sahai/Papers/CrimePunishmentAllerton08.pdf>

Sahai, Anant et al. "Why the caged cognitive radio sings,"  
<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.227.9592&rep=rep1&type=pdf>

Sahai, Anant et al. "Should primaries be considered victims or police?"  
<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.352.6213&rep=rep1&type=pdf>

Shay, Lisa, et al. "Do Robots Dream of Electric Laws: An Experiment in the Law as Algorithm," March 2013. [http://conferences.law.stanford.edu/werobot/wp-content/uploads/sites/29/2013/04/Shay-et-al\\_Lisa.pdf](http://conferences.law.stanford.edu/werobot/wp-content/uploads/sites/29/2013/04/Shay-et-al_Lisa.pdf)

Weiss, Martin; Lehr, William; et al. "Enforcement in Dynamic Spectrum Access Systems," September 2012. <http://j.mp/QWMANf>

Weiss, Martin; Lehr, William; et al. "Socio-Technical Considerations of SAS Design," October 2015.  
<http://j.mp/1MwtY8t>

#### FCC Technology Advisory Council:

- [A Study to Develop the Next Generation Systems Architecture for Radio Spectrum Interference Resolution](#) (3-9-2016)
- [Basic Principles for Assessing Compatibility of New Spectrum Allocations – A White Paper](#) (12-11-2015)
- [A Case Study of Risk-Informed Interference Assessment: MetSat / LTE Coexistence in 1695-1710 MHz](#) (12-9-2015)

- [A Quick Introduction to Risk-Informed Interference Assessment](#) (4-1-2015)
- [Multi-stakeholder Organization to Develop Interference Limits Policies – Recommended Charter](#) (6-17-2014)
- [Introduction to Interference Resolution, Enforcement and Radio Noise – A White Paper](#) (6-10-2014)
- [The Impact of Emerging Receiver Technologies on Changing Standards and Spectrum Allocations – A Brief Study](#) (6-10-2014)
- [Interference Limits Policy and Harm Claim Thresholds: An Introduction](#) (3-5-2014)
- [Interference Limits Policy: The use of harm claim thresholds to improve the interference tolerance of wireless systems](#) (2-6-2013)

**WSRD Workshop Reports:**

- WSRD Workshop VII Report: [Federal - Commercial Spectrum Sharing: Models, Application, and Impacts of Incentives for Sharing](#), March 2015.
- WSRD Workshop VI Report: [Federal - Commercial Spectrum Data: Understanding Information Exchange Needs, Issues and Approaches](#), October 2014.
- WSRD Workshop V Report: [Understanding the Spectrum Environment: Using data and monitoring to improve spectrum utilization](#), March 2014.
- WSRD Workshop IV Report: [Promoting Economic Efficiency in Spectrum Use: the economic and policy research agenda](#), April 2013.