

# Spectrum anarchy

Martin Weiss

Ilia Murtazashvili

Ali Palida

Pedro Bustamante



University of  
Pittsburgh

Center for Governance and Markets  
Graduate School of Public and International Affairs



# Why?

- Supply and demand for spectrum is highly uneven in time, space and frequency
- “Think local, act global” spectrum policy posture
  - Tendency to make global (i.e., national) policies to solve a particular problem in a small set of localities
  - Other localities may have other priorities (and problems)
  - How about a “Think global, act local” posture instead?
- Advances in technology (especially data processing and storage) make (semi) intelligent responsiveness to local conditions feasible
- Especially in mid band and higher frequency bands
- Learn from practices in “unassigned” spectrum



# Why not?

- How to quantify investment risks under a different spectrum use regime?
- How to deal with non-cooperative spectrum users?
- How to deal with a potentially large number of differing local communication regimes/parameters?
- How could government get (auction) revenues?
- We've never done it that way before ...





#occupyspectrum

About CGM: <https://www.cgm.pitt.edu>

About SpectrumX: <https://spectrumx.org>



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