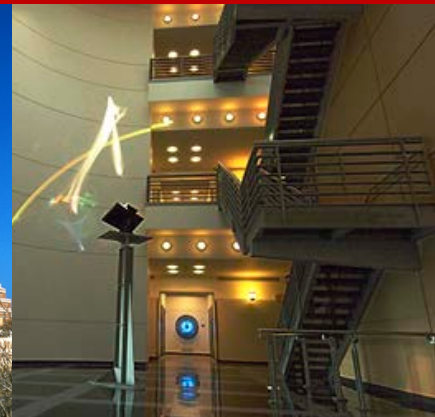


# NEWSDR 2014

**SDR-Boston**  
Boston SDR User Group

Fourth Annual *New England Workshop for Software Defined Radio*  
Photonics Center | Boston University | Boston, MA | Friday, June 6, 2014



## Call For Participation

Accepting **abstract submissions** for technical presentations and posters at [www.sdr-boston.org](http://www.sdr-boston.org) beginning 2/15/14

Event registration is available at [www.sdr-boston.org](http://www.sdr-boston.org)

## Organizing Committee

**Neel Pandeya**  
Range Networks

**Michael Rahaim**  
Boston University

**Alex Wyglinski**  
Worcester Polytechnic Institute

## Topics of Interest

### Implementation

- GNU Radio, USRP, FPGA
- Matlab and Simulink Tools
- LabView Realizations
- USRP Hardware Driver (UHD)
- GNU Radio & USRP Roadmaps
- Vector-Optimized Library of Kernels (VOLK)
- GNU Radio Advanced Scheduler
- New Test-beds and Prototypes
- Heterogeneous Networks
- Cellular Telephony Implementations (GSM, 3GPP, LTE, OpenBTS, OsmocomBB, OpenBSC)
- Femtocell and Macrocell Coexistence
- SDR GPS Implementations
- SDR and Radar

### Cognitive Radio

- Dynamic Spectrum Access
- Spectrum Management
- Hybrid MAC
- Cognitive Engines
- White Space / Spectrum Sensing
- Spectrum Policy and Regulation
- Cooperative Cognitive Systems

### Software Defined Radio

- Custom Software Designs
- RF Technologies
- Advanced Signal Processing
- Firmware Development
- Unique Waveforms
- Hardware Platforms
- Software Defined Networks

## Details

- Technical Presentations
- User Presentations
- Technical Demonstrations

- Industry Panel
- Vendor Exhibits
- Poster Sessions

**Keynote Speaker:** [Dr. Jeffrey Reed](#)  
Free Registration & Parking  
Free Continental Breakfast, Coffee, & Lunch

## Sponsors



Are you interested in sponsoring NEWSDR14? Contact [sdr-boston-inquiry@wpi.edu](mailto:sdr-boston-inquiry@wpi.edu) for sponsorship information.

Submissions, registration, and more details at: [www.sdr-boston.org](http://www.sdr-boston.org)