

**Welcome to GR Con 14!**

The GRCon '14 Committee

## GRCCon '14 – Intro Day

- Technical Program committed to devs
- Intro Day: Introduce GNU Radio and its community to the rest of the world (and vice versa)
- Showcase GNU Radio usage
- Teach GNU Radio basics

# The Program – Main Sessions

	Monday	Tuesday	Wednesday	Thursday	Friday
	<b>New Users Conference</b>	<b>Developers Conference</b>			
8:00	Check-in	Check-in			
9:00	Main Track	Intro and Overview	Apps and Research	Beginner and Advanced Tutorials	Hackfest
9:15	Presentatons				
9:30					
9:45		GSoC			
10:00					
10:15					
10:30					
10:45					
11:00		Hardware Vendor Presentations			
11:15					
11:30					
11:45	Lunch	Keynote			
12:00			Lunch		
12:15	Hands-On Tutorials	Demos, Poster & Lunch		Lunch	
12:30					
12:45			Apps and Research		
13:00		Apps and Research			
13:15					
13:30					
13:45					
14:00					
14:15					
14:30				Working Groups	
14:45				FASS	
15:00				VOLK	
15:15					
15:30		Working Groups	Working Groups		
15:45		Community	Coproc/Accel		
16:00		Embedded	GRC		
16:30				Closing	
16:45					
17:30					
18:00					
18:30					
19:00	Welcome Event	Reception			
22:00					

<http://www.trondeau.com/grcon14-agenda/>

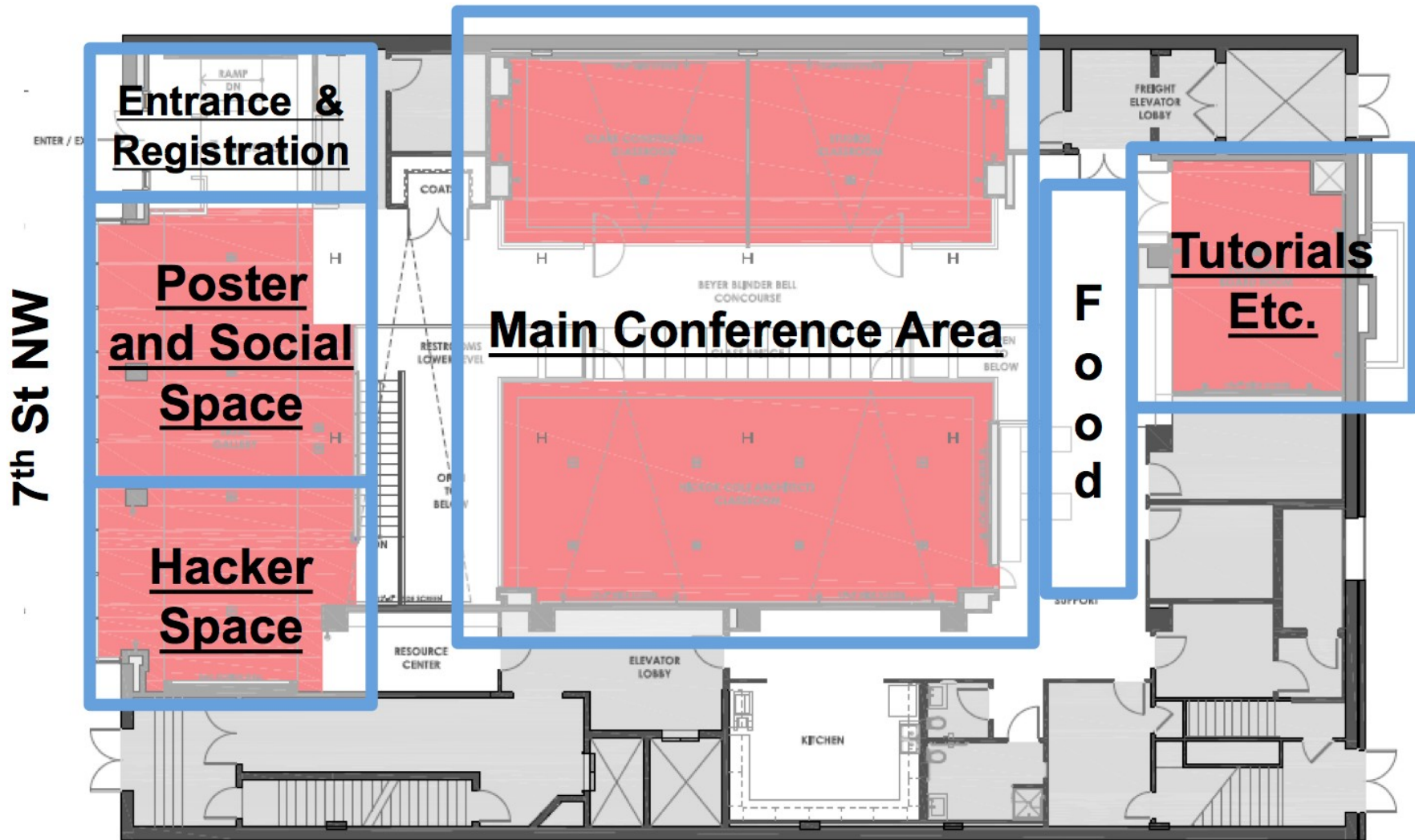
# Agenda Part I

9:00	Introduction to the Conference
9:15	Introduction to GNU Radio
10:00	Break
10:15	Overview of SDR Hardware
11:00	Hacking the Wireless World - Compelling Applications with GNU Radio
11:45	Lunch, Networking, Posters, and Demos
12:30	Overview of Google Summer of Code and Other Academic Initiatives Within the GNU Radio Community
13:15	Panel on GNU Radio in Academia and Education
14:00	Turn-Key Reference Designs for Wireless Research - OFDM, PHY/MAC, and Cognitive Radio

# Agenda Part II

15:15	Afternoon Session Introduction
15:20	Laser Sensing and Communications in the Ocean with the USRP
15:40	GNU Radio for Power Line Communications
16:00	Hands-on GSM Analysis with GNU Radio and AirProbe
16:20	Toshiba's Smart Meter Network Test-bed for Dense Cooperative Wireless Cloud Networks (DIWINE)
16:40	Some DoD R&D Challenges for GNU Radio
17:15	GNU Radio in KIT's Research Community

# About the Venue

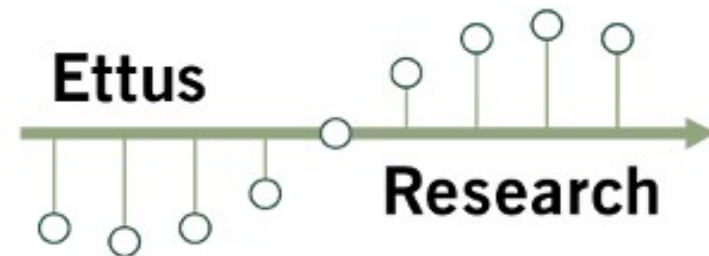


# Hands-On Tutorials and Hackerspace

- Organized by Balint and Jose @ Ettus Research
- Tutorials
  - GNU Radio Basics, Build an FM Receiver
  - Pre-registration Required
  - First sessions begin at
  - 1A and 2A – In the “Hacker Space”
  - 2A and 2B – In the “Tutorial Room”
- Hacker Space
  - Stocked with hardware
  - Socialize
  - Share ideas
  - or.. just sit there an hack =)



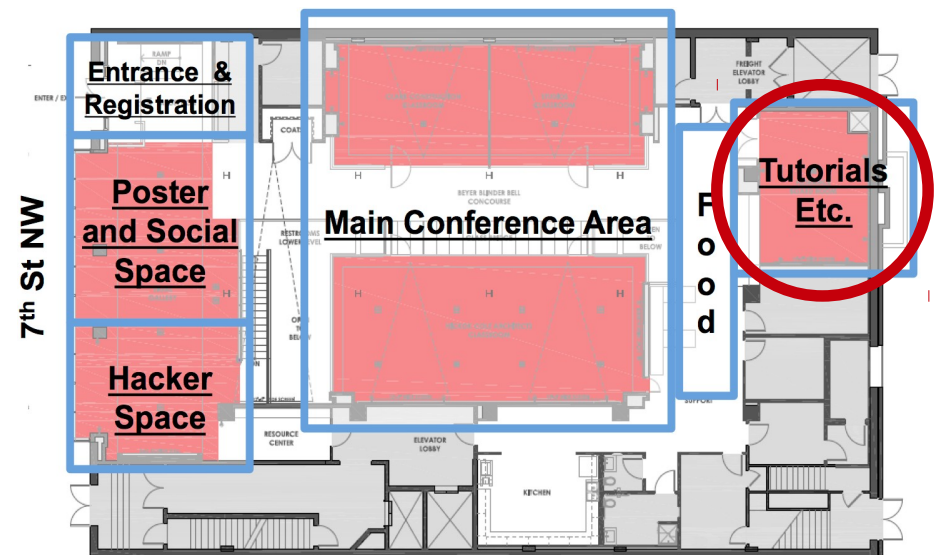
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# 1-On-1 Coaching and Problem Solving

- Organized by Ben Hilburn @ Ettus Research
- Get help with current challenges, become more productive
- Ticket-base system
- Made possible by volunteers from the community
- <http://grhelp.ettus.com>

Conference Tutor Room  
Sponsored by:

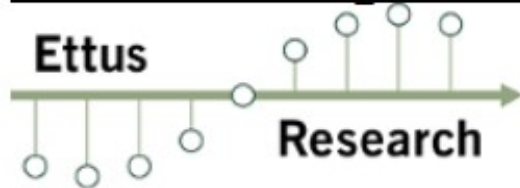


<http://grhelp.ettus.com>



# Sponsors

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# Receptions and Social Events

- 7 PM Monday Night – Hume-Sponsored Event

City Tap House  
901 I Street Northwest  
Washington, DC 20001

- 7 PM Tuesday Night - Conference Reception

Food and Drinks  
Old Ebbitt Grill  
675 15<sup>th</sup> Street Northwest  
Washington, DC 20001