

# EE 579: WIRELESS AND MOBILE NETWORKS – DESIGN & LABORATORY

## LECTURE 2

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USC, Spring 2014

Lecture notes and course design based upon prior semesters taught by Bhaskar Krishnamachari and Murali Annavaram.

# Agenda

- Administrative Stuff
- Diagnostic Exam due Wednesday (tomorrow) 11:59 p.m.
- Projects from previous years
- Read recent papers
- Introduction to Android programming (if time permits)

# Projects from Previous Years

All the projects can be found at:

[http://anrg.usc.edu/ee579\\_2012/](http://anrg.usc.edu/ee579_2012/)

- Evaluation of channel allocation schemes in wireless networks (Sun SPOT)
- Ticketless parking structure (Tmote Sky + Android App)
- Privacy protection for GPS tracking (Android, iPhone, Laptop)
- AZA Social Network Analyzer (Android, Laptop)
- What's Playing (Android, Laptop)

# Research Papers

- ❑ Paper 1: Making Use of All the Networks Around Us: A Case Study in Android (SIGCOMM CellNet Workshop 2012)

<http://conferences.sigcomm.org/sigcomm/2012/paper/cellnet/p19.pdf>

- ❑ Paper 2: A Cloud Assisted Design for Autonomous Driving (SIGCOMM MCC Workshop 2012)

<http://conferences.sigcomm.org/sigcomm/2012/paper/mcc/p41.pdf>

# What should you be doing this week?

- Complete Diagnostic Exam
- Complete reading the two papers and write a one-page critique on each paper
- Upload critiques on Blackboard