

**GT SCIFI**

**Sistema de Controle Inteligente  
para redes sem Flo**

Luiz Claudio Schara Magalhães  
Laboratório MídiaCom – UFF

# Topics

- Motivation
- Objectives
- Methodology
- Functions
- Timetable
- Demo
- Evolution

# Motivation

- With the evolution of wireless access deployment – from hotspots to complete coverage – performance has increasingly being unsatisfactory
  - Interference
  - Uneven load distribution

# Objectives

- To make wireless infrastructure deployment easier, safer and with better performance

# Methodology

- Create an open source, extensible framework that allows cooperation between access points (AP s)

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# Functions

The following functions are available in the current framework:

Channel Selection

Power Control

Load Balancing

# TimeTable

**We have a working prototype and are starting deployment of a large scale installation.**

**We need**

- To do localization**
- Partners for testing**

# Demo

<http://200.20.10.76:8080/ControllerWeb/>

# Evolution

Installation in the Engineering Campus at  
UFF