

# **Chapter – IFPB Campina Grande**

## **Bahia Section**

### **IEEE ComSoc Latin America Region**

**Regional Chapter Chair Congress 2016**  
**Medellin, Colombia**

**Marcelo Portela Sousa**  
Chapter Chair  
*marcelo.portela @ieee.org*

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## ● Lectures

- ◆ Network Simulators and Emulators for Design and Troubleshooting in Production Environments – Marcelo Portela Sousa
- ◆ Cognitive Spectrum Sensing via Statistical Tests in Rice Fading Channels – Fabrício Braga de Carvalho
- ◆ A Modified Jarque-Bera Test for Spectrum Sensing in Cognitive Networks Subject to Rayleigh Fading – Fabrício Braga de Carvalho

## ● Conferences

- ◆ 6th Annual Meeting of Communications, Networking, and Cryptography – Encom 2016 – Fortaleza (Brazil)
  - ◆ 39th International Conference on Telecommunications and Signal Processing, 2016 – Viena (Austria)
  - ◆ Proceedings of the IEEE 84<sup>th</sup> Vehicular Technology Conference – VTC Fall, 2016 – Montreal (Canada)
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# Work Done

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# Work Done

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# 2016 Accomplishments

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- EEEEx Talks

- ◆ Python as Tool for Computational Statistics
- ◆ Industrial Wireless Sensor Networks
- ◆ How to Contribute to Telecommunications Projects at IFPB?

- I Networking Day

- ◆ A networking meeting supported by Cisco and IEEE ComSoc Chapter, dealing with several campi of IFPB
  - Approximately 600 hundred participants
  - Lectures
  - Courses
  - IEEE TISP

- Own Logo – ComSoc Student Branch Technical Chapter



# 2016 Accomplishments



CICLO DE PALESTRAS  
**IEEE<sup>x</sup>**  
UPGRADE YOUR KNOWLEDGE



**Paulo Ribeiro**  
**Python como ferramenta  
para estatística computacional**  
Aberta a toda comunidade: Superior e Técnico



**Central de Aulas**  
IFPB - Campus Campina Grande  
SALA 04



**23/09**  
**SEXTA**  
**16:00**

**Realização**



IFPB  
IEEE STUDENT BRANCH  
CAMPINA GRANDE

**Apoio**



IFPB Campus  
Campina Grande



IEEE  
ComSoc™  
IEEE Communications Society  
Student Chapter



**GCOM**  
Grupo de Pesquisa em Sistemas de Comunicações



# 2016 Accomplishments



**CICLO DE PALESTRAS**

# IEEE<sup>x</sup>

**UPGRADE YOUR KNOWLEDGE**



**Ruan Delgado Gomes**

**Redes de Sensores sem Fio Industriais**



**Central de Aulas**  
IFPB - Campus Campina Grande  
**SALA 04**



**30/09**  
**SEXTA**  
**14:00**

**Realização**



**Apoio**



**GCOM**  
Grupo de Pesquisa em Sistemas de Comunicações

# 2016 Accomplishments



**CICLO DE PALESTRAS**

# IEEE<sup>x</sup>

**UPGRADE YOUR KNOWLEDGE**



**Jerônimo Rocha**

**Como posso participar de projetos de pesquisa em Telecomunicações no IFPB?**



**Central de Aulas**  
IFPB - Campus Campina Grande  
**SALA 04**



**04/11**  
**SEXTA**  
**16:30**

**Realização**



**Apoio**



**GOOM**  
Grupo de Pesquisa em Sistemas de Comunicações



# 2016 Accomplishments



# Problems Encountered

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- International Credit Card Requirement
- Contention for Time and Effort Allocation:
  - ◆ Students with low time to ComSoc activities
  - ◆ Exam agenda of undergraduate courses
  - ◆ Current research projects

- Advisor has been lended the credit card.
  - Some regular disciplines have been aligned with ComSoc productions
    - ◆ For example: in Wireless Networks discipline, the students were stimulated to generate technical papers from works inserted on the discipline
    - ◆ Technical papers were submitted and accepted by a conference (Encom 2016)
    - ◆ All the technical papers received the acknowledgements to ComSoc
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# Next Year Work

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- ComSoc em 8 (ComSoc in 8 Hours)
    - ◆ To promote montly short courses (8 hours) restricted to ComSoc members
    - ◆ To Register and to record these courses
    - ◆ All the associates need to minister some course
  - To expand ComSoc em 8
    - ◆ From the lessons learned, to share the model with other chapters and with other sessions
    - ◆ To share the courses and to access courses around other chapters/sessions
  - Telematics Olympiad
    - ◆ Tracks:
      - Networking;
      - Telecommunications;
      - Programming
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# Thanks

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