Chapter
IEEE ComSoc Latin America Region
Regional Chapter Chair Congress 2019
Salvador, Brazil

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Chair Joint Chapter C16/COM19 Bahia Section

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Introduction

- How IEEE is organized in Brazil

Como funciona o IEEE no Brasil

Current Status of Membership

- Joint Chapter C16/COM19 (Communications Society and Computer Society) in Bahia Section (Brazil)

- Number of active members (on Nov. 7th, 2019):
  - IEEE Communications Society: 48 members
  - IEEE Computer Society: 47 members

Região Nordeste

Current Status of Membership

- Details of the ComSoc members in Bahia Section

  - 1 Affiliate
  - 1 Associate Member
  - 2 Student Members
  - 9 Graduate Student Members
  - 20 Members
  - 14 Senior Members
  - 1 Life Senior Member

  - Total: 48 members (as of Nov. 7th, 2019)

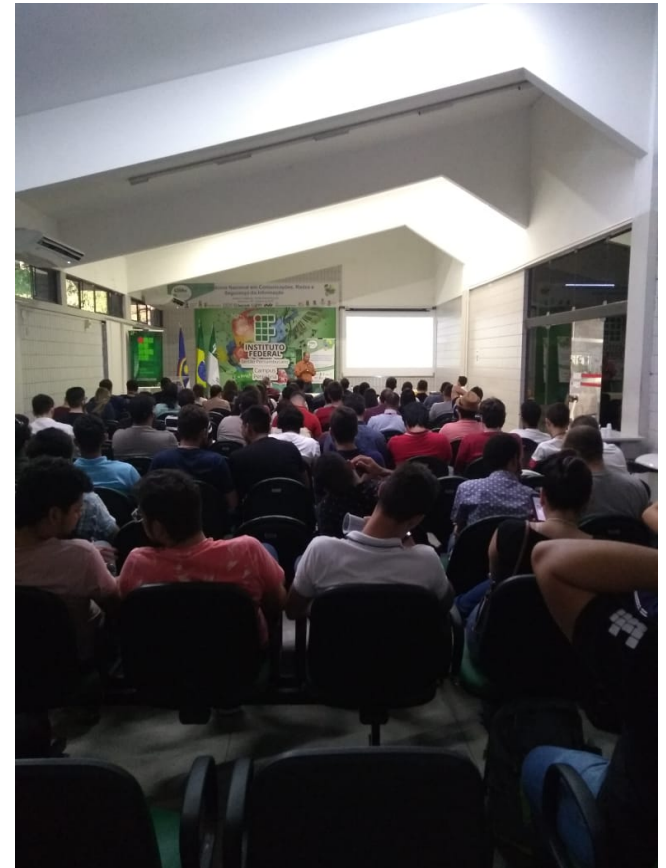- By far, we are the chapter with most Senior Members in Bahia Section (Brazil's Northeast)!

Work Done

- Lectures

  - "The History of Modulation" – Sept. 2019 (Bahia)
  - "Cognitive Vehicular Networks" – April 2019 (Rio Grande do Norte)
  - "Research Opportunities at UFPA" – Sept. 2018 (Paraíba)
  - "Research Opportunities at the University of Washington Tacoma" – Sept. 2017 (Bahia)
  - "Internal Pollution Analysis at the University of Washington Tacoma" – Sept. 2017 (Bahia)
  - "New research developments – UW Tacoma/ Institute of Technology" – June 2017 (Paraíba)
  - "Cognitive Vehicular Networks" – March 2017 (Bahia)

Work Done

- Conferences/Events

  - Support to Workshop on Telecommunications 2019 (Paraíba)
  - Support to IEEE LATINCOM 2019 (Bahia)
  - Support to UFRN TELECOM DAY 2019 (Rio Grande do Norte)
  - Support to "Conferência Nacional em Comunicações, Redes e Segurança da Informação" - ENCOM 2019 (Pernambuco)
  - Support to "Simpósio Brasileiro de Telecomunicações" - SBrT 2018 (Paraíba)
  - Support to "Conferência Nacional em Comunicações, Redes e Segurança da Informação" - ENCOM 2018 (Bahia)
  - Support to "Conferência Nacional em Comunicações, Redes e Segurança da Informação" - ENCOM 2017 (Maranhão)

Work Done

- Conferences/Events

Work Done

- Distinguished Lecturer Tour (DLT)
  - "System-Level Modeling and Optimization of the Energy Efficiency in Cellular Networks – A Stochastic Geometry Framework" – Dr. Marco Di Renzo – Oct. 2018 (Ceará)

Work Done

- Distinguished Lecturer Tour (DLT)
  - "A General Overview of Research on 5G" – Dr. Rui Lopes – August 2017 (Rio Grande do Norte)

2019 Accomplishments

- Increase in membership (21 members in the beginning of 2019)

- Support to four events/conferences organized in Bahia section

- More events organized with Computer Society (including one DLT)

Problems Encountered

- The historic issue of the name "Bahia Section"

- To find volunteers (professional or student)!

- Reduced student participation

- ComSoc Student chapter inactive in Paraíba

- Retention of members (directly related to the membership fees)

Problems Solutions Plans

- To modify the name "Bahia Section" to "Northeast Section"

- To extend the support in different events and conferences in Bahia Section

- To attract industry members

Next Year Work

- To organize events in all nine Northeast states (conferences, lectures, DLTs)

- To maintain the support to regional events in Northeast/Bahia section
  - For example, ENCOM 2020 and UFRN TELECOM DAY 2020

- To reactivate the student chapter in Paraíba state

- To create a student chapter at UFBA (Bahia)
  - Students are reorganizing its activities in Bahia

- To create a website for ComSoc in Bahia section

- To (re)activate the industry liaison and YP in our chapter
  - Definition of a new responsible for industry liaison
  - Definition of a responsible for YP among ComSoc members

Next Year Work

- Thank you for your attention!

- Prof. Dr. Fabrício Braga Soares de Carvalho

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