

Hackathon Latincom

Latin American countries are continuously facing diverse challenges in this century. LATINCOM 2020 will have space where students and Young Professionals will give ideas to work on local problems in their countries with the help of their knowledge and skills in any Telecommunication fields. They will learn best practices on how to prepare their proposal and related topics on project design.

We want Latin America students and Young Professionals to be encouraged and apply for the next edition of the IEEE ComSoc Student Competition in 2021. So best project ideas will be awarded in this Hackathon in order they can be the first step on the implementation and application of their projects in the ComSoc Competition. Ideas do not need to be already implemented but must be realistic projects that can be done in practice.

IEEE ComSoc student members and Graduate Student members can attend Latincom 2020 program for free: <https://latincom2020.ieee-latincom.org/registration/>

Competition topics

All projects must attend technical and humanitarian topics:

1. Technical:

Topics on communication fields applying any IEEE ComSoc Technical Committees or Emerging Technical Initiatives. For the list and description of those committees: <https://www.comsoc.org/about/committees>

2. Humanitarian challenges:

Any problem a local community faces is eligible. The solution also can be related to any of the 17 Sustainable Development Goals (SDGs) that the United Nations adopted for their plan action until 2030: <https://sdgs.un.org/goals>

<https://www.itu.int/en/myitu/News/2020/10/07/16/34/New-ITU-Global-Portal-on-Environment-and-Smart-Sustainable-Cities>

Eligibility

- Teams between 3 to 4 members can be formed with students and Young professionals, with a maximum of two Young professional members (this includes Graduate Student members) per team
- At least one member of the team must be an IEEE ComSoc student member or Graduate student member. Non-members can join IEEE ComSoc at any time until the day of the project presentations (Cost for ComSoc student membership is US \$1 choosing the “Essential” option <https://www.ieee.org/membership-catalog/productdetail/showProductDetailPage.html?product=MEMCOM019>).
- Teams do not need to be from the same university and must be part of Region 9 (Latin America).
- Mixed gender groups are also encouraged to be formed.

Venue

Project presentations will be during IEEE LATINCOM 2020. Time for each team presentation will be defined soon.

Date: 18-20 November (TBD)

Evaluation Criteria

- Originality
- Creativity in applying telecommunication technology
- Social impact on humanity or local community
- Quality of presentation
- Possible application in other parts of the world

Awards

The best solutions ideas will be awarded to recognize the academic and professional abilities of the participants and their efforts for fulfilling the challenge. The best 3 projects will be awarded as:

1º place: US \$500 and certificate

2º place: US\$ 300 and certificate

3º place: US \$200 and certificate

Important dates

Registration deadline: November 7, 2020 (12 PM GMT-3)

Online training: 10 - 15 November, 2020

Final pitch presentations: IEEE LATINCOM 2020 (18-20 november 2020)