

# Education

**AESS Board of Governors Meeting**

**Sept 28-29, 2018**

**Rome, Italy**

**Lorenzo Lo Monte**

**Young Professionals Rep**



# Objectives

- Establish Young Professionals Events at Major AESS Conferences
- Procure Funding and Establish Good Relations with YP ExCom
- Help/Support AESS Committees where YP are directly involved
  - Mentoring Program
  - Radar Summer School
  - Short Course Committee
  - Industry Committee
- Engage AESS in YP-Sponsored Activities/Conferences
- Mentor/Train Officers and Chairs on YP-related activities

# Initiatives

- IEEE Radar Conference 2017 (Seattle) – 40 attendees



# Initiatives

## ■ YP In Space (Bangalore)

## News & Information

### "To Infinity and Beyond" – Buzz Lightyear – Report on Young Professionals in Space 2017

Tushar Sharma  
University of Calgary

With the motto, "To Infinity and Beyond," in mind, a group of young motivated professionals set out to achieve a dream—A dream to make new space accessible and demystify its exploration. This idea culminated in Young Professionals in Space, a unique event for young professionals and by young professionals aimed at getting all the change makers of this generation under a single roof to discuss and deliberate on the exciting slew of opportunities offered by aerospace technology and exploration.

On the morning of November 24, 2017, the event kicked off in Bengaluru, India. The event was attended by industry professionals and academicians alike. While the event offered youthful exuberance, it also offered the tempered experience of learned individuals, thus creating the perfect platform for ideation and problem solving.

Talks were offered by industry experts and academicians from different disciplines including Dr. Lorenzo Lo Monte from AES; Prof. Ravinder Dahiya from Sensors Council; Prof. Steve Reising from Colorado State University; Tim Lee, the Global SIGHT Chair 2017; Dr. Quentin Bonds from NASA Goddard Space Flight Center; and many others. The topics ranged from weather forecasting and remote sensing to radar imagery and smart technology.

The highlight of the event was the 3-day YPinSpace bootcamp. It was a unique offering to students and professionals to delve into

and experience first-hand the development cycle of a satellite. The attendees learned about payload design and the dynamics of launch and sustaining a startup business in the aerospace domain.

To further promote startups in aerospace, a special track discussing entrepreneurial challenges was offered. The track featured representatives from leading startups like Team Indus, NoPo Technologies, SatSure, Space Kidz India, Rockessers, Xovian, and Bellatrix Aerospace. The audience asked the panel questions about how to launch and maintain a startup in the new aerospace domain and was enthralled seeing the success of these startups and motivated to start something of their own—the true spirit of the event.

The event was wholeheartedly supported by the IEEE Aerospace Electronic Systems Society, the IEEE Microwave Theory and Techniques Society, the IEEE Sensors Council and many other IEEE organizations. Due to the success of this first edition, YP-in-Space will be offered in Barcelona, Spain this summer from July 16 to July 19, 2018 at UPC-BarcelonaTech, Campus Nord.

Involve. Innovate. Inspire. YP-in-Space truly lived up to the expectations set for it, and all in all, it was a grand success! At the offset of it all, Young Professionals in Space makes a bold proclamation- Be it Moon or Mars, Young Professionals will be at the center of it. 🚀



# Initiatives

- IEEE Rising Stars 2018



# Initiatives

- YP Event at AeroConf 2018



# Initiative

- MIT Annual Student Conference



# Initiatives

- YP Event at RadarConf
- 60 Attendees
- AESS Speakers

## 2018 Young Professionals Reception

@ RadarConf 2018

Sunday, April 22 2018 at 6:30PM  
Meeting Rooms 14/15 at Cox Convention Center

Free for IEEE YP Members  
Social Meeting and Networking Opportunity  
Drinks and Hors D'Oeuvre

Guest Speakers:

Prof. Fabiola Colone  
*"The AESS Mentorship Program"*

Dr. Lorenzo Lo Monte  
*"Benefits of Being a YP" and  
"The AESS Resource Center for YP"*





# MIKON 2018

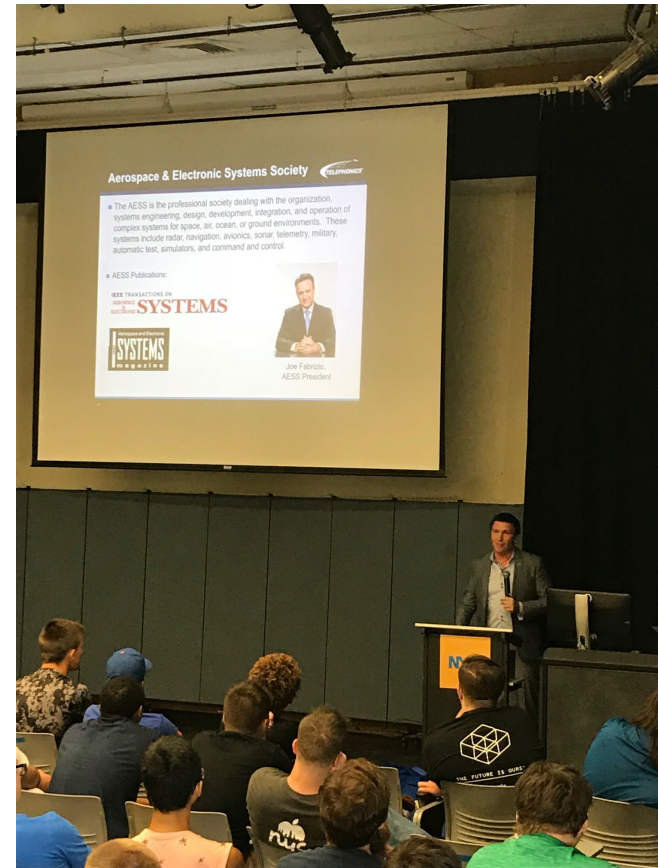
120 Participants!

Thanks to:

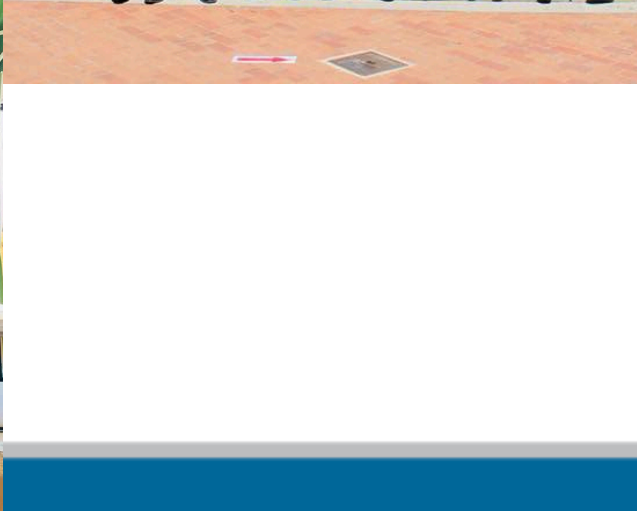
- Piotr Graca
- Kryztoś Kulpa
- Jacek Misiurewicz



# NYIT Guest Speaker

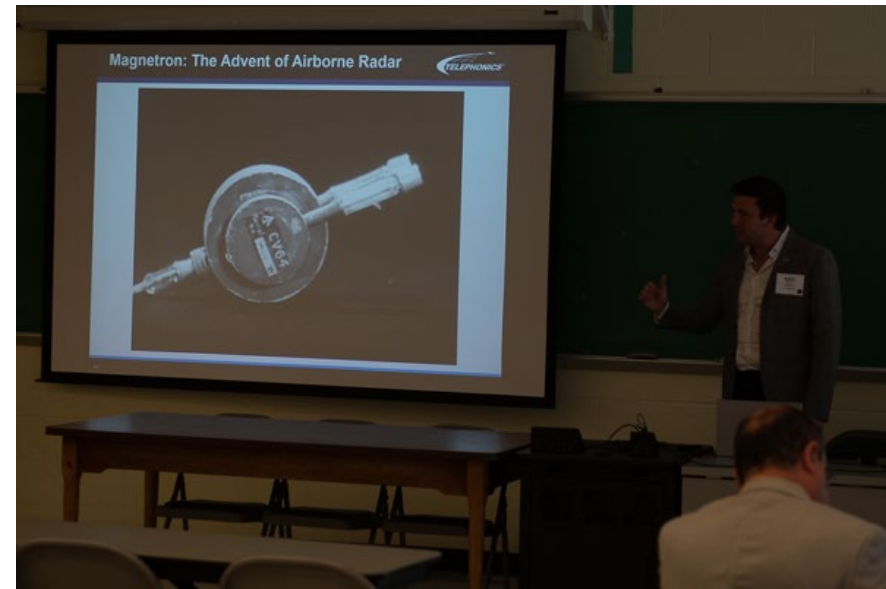


# YP In Space - Barcelona



# LISAT 2018

- Conference in Long Island focused on Students and Young Professionals
- About 40 attendees



# Initiatives

- YP Training for Section Officers and Chapter Chairs



## Young Professionals Training

Lorenzo Lo Monte

IEEE Young Professionals Region 1 Coordinator

# Rising Stars 2019

- AESS table at the conference and handout AESS flyers to students and YPs
  - Targeted attendance is 320
- I will be an invited speaker: Have students and YPs learn about AESS



# Welcome Kameron LaCalli !!



# Rafal Sliz (Finland Section)

## IEEE Region 8 Director Candidate



As Region 8 Director, I will adopt a "less talk, more action" approach, focusing on increasing the value of IEEE membership by supporting and initiating data-driven, sustainable projects that will focus on:

- Better understanding the diversity and needs of members in our Region, instead of relying on generic IEEE data, which does not reflect our Region accurately, and develop and execute projects that will address these needs specifically
- Utilizing our networking potential as a trans-national organization to create a strong bond between academia and industry, with an emphasis on entrepreneurship efforts
- Increase the impact IEEE members have on their communities, giving value to our Region's diversity, by supporting policy-related initiatives and humanitarian activities
- Providing tangible member-relevant benefits, such as seamless access to scientific content, accreditation, career opportunities, and continuous education
- Enabling our members and volunteers by providing diverse membership models and a novel volunteering environment to make volunteering less troublesome, more rewarding and attractive, especially for Students, Young Professionals and other underserved groups

<http://www.sliz.online>