Professional Networking and Mentoring Program
Francesca Filippini, Co-Chair

October 17, 2019
Cologne, Germany
The AESS Mentoring Program

Overview

- Launched on January 1, 2017

- The **AESS Professional Networking and Mentoring Program** is a structured program that connects students and young professionals with more experienced AESS members for two-way exchange.
Mentees & Mentors

Opportunities

Being a **Mentee** is an invaluable opportunity to connect with experts in AESS fields of interest and to:

- Grow professional competencies
- Expand peer networks
- Receive guidance to achieve career goals

Being a **Mentor** is a powerful way to give back to your professional community:

- Contribute to the IEEE and AESS
- Share your knowledge and skills
- Foster development and integration of the youngest members
Mentees, Mentors and Mentorship Styles

- 70+ **Mentees** currently registered in the program
- 90+ **Mentors** currently registered in the program, international expert members from industry, academia, and government.

IEEE AESS Mentoring Program is providing a set of **Mentorship Styles**:

1. Technical Mentorship
2. Advisor Mentorship
3. Conference Mentorship
4. New Area Member Mentorship
5. Mentoring in underrepresented region
6. Career Development Mentorship
7. Grant Opportunities Mentorship
8. Affinity Group Mentorship
9. Consulting Mentorship
Mentoring works
Examples of successful mentorship

“Thanks to the AESS Mentoring and Networking Program, I have been able to gain more experiences that will translate directly into my engineering career. I would highly encourage anyone, student and professional alike, to take advantage of this benefit AESS membership offers.”
Garrett Hall - Mentee

“I have enjoyed being part of the program and it has taught me many things that I could’ve never learned on my own. I will be very happy to continue to be part of this program in the future.”
Andres Tapia - Mentee

“Without any doubt I believe this opportunity has been a turning point in my life to discover diverse ways of approaching my work, and a huge personal motivation to continue moving forward:”
Octavio Cabrera - Mentee

“This program has given me an opportunity to discuss my PhD research ideas with Dr. Baker and receive his feedback on what direction I should take. Thank you again for organizing this program.”
Devin Spatz - Mentee

“This has supported me in steering my professional career. Due to the valuable experience I would highly recommend to everyone to be part in the mentoring program.”
Philipp Wojaczeck - Mentee
Mentoring works
Examples of successful mentorship

- Garrett Hall and Andres Tapia joined the mentoring program choosing Walt Downing as their Mentor.
- They focused on the development of "soft skills" such as interpersonal communications and leadership within the context of professional societies that rely on the efforts of volunteer members.
- Under Walt's guidance, they expanded Chapter activities beyond IEEE to include majors from computer science and mechanical engineering departments.
Mentoring works
Examples of successful mentorship

- Octavio Cabrera joined the program in 2018 choosing Prof. Pierfrancesco Lombardo as his Mentor
- Prof. Lombardo helped Octavio with his PhD research
- Octavio is now spending a few months in our lab in Rome
Mentoring works
Examples of successful mentorship

- Tamil Selvan and Arvind Sundaram joined the program choosing Dr. G. Subramanian as their Mentor, taking part of the Team Dronix research lab in Chennai, India.
- Ganesh trained his mentees on aeronautical basics for drones.
- They have learned how to design drones, pilot drones etc.
- They recently opened a YouTube channel.
What can Local Chapters do?

The support of **Local Chapters** is fundamental to

- Promote the AESS Professional Networking and Mentoring Program
- Inform potential new Mentees (Students, Young Professionals, etc.) of this opportunity and encourage them to take part
- Encourage AESS experts members to join the program as Mentors
- Offer support to established mentorships by acting as link within participants and the MP Committee
Committee members

Fabiola Colone
Judy Scharmann
Fredrik Gustafsson
Lorenzo Lo Monte
Sean Malek

Francesca Filippini
Kameron Lacalli
Fabiola Colone
Fredrik Gustafsson
Lorenzo Lo Monte
Sean Malek

...and invaluable help offered by

Walter Downing
Michael Noble
Ethan Lin