

## Special Session Title:

IEEE EMBS Junior Engineers and Scientists in Medicine and Biology - Part 1

## Special Session Organizer Name & Affiliation:

Technology, Sydney

## Special Session Speaker Name & Affiliation 1:

## Special Session Speaker Name & Affiliation 2:

## Special Session Speaker Name & Affiliation 3:

## Special Session Speaker Name & Affiliation 4:

## Special Session Speaker Name & Affiliation 5:

## Special Session Speaker Name & Affiliation 6:

## Theme:

- 01. Biomedical Signal Processing
- 02. Biomedical Imaging and Image Processing
- 03. Micro/ Nano-bioengineering; Cellular/ Tissue Engineering &
- 04. Computational Systems & Synthetic Biology; Multiscale modeling
- 05. Cardiovascular and Respiratory Systems Engineering
- 06. Neural and Rehabilitation Engineering
- 07. Biomedical Sensors and Wearable Systems
- 08. Biorobotics and Biomechanics
- 09. Therapeutic & Diagnostic Systems and Technologies
- 10. Biomedical & Health Informatics
- 11. Biomedical Engineering Education and Society
- 12. Translational Engineering for Healthcare Innovation and

## Special Session Synopsis— Max 2000 Characters

The IEEE Junior Engineers and Scientists in Medicine and Biology Special Session provides a unique opportunity for budding engineers and scientists to share their work during a special session of the larger Annual International Conferences of the IEEE Engineering in Medicine and Biology Society. Open to students in grades 1st through 12th, the Junior Special Sessions allow registered Juniors to give a presentation in a fun and supportive environment before an audience of their peers, as well as adult engineers and scientists. Afterward, they can field questions from the audience on their work. Presentations typically run from three to ten minutes, depending on grade level. Part 1 of the Special Sessions will be for Elementary school age Junior Engineers and Scientists. Part 2 of the Special Sessions will be for High School age Junior Engineers and Scientists.

New to the Annual International Conferences of the IEEE Engineering in Medicine and Biology Society in 2020, the Junior Special Sessions hope to help these younger students develop crucial research and presentation skills in a supportive environment. We hope that Juniors will go on to work in biomedical science and engineering fields, and return some day as senior authors.

Anyone interested in presenting at the IEEE Junior Engineers and Scientists in Medicine and Biology Special Session should review all presentation guidelines, and follow submission deadlines.

Juniors must be registered as the “guest” of an adult conference attendee before submitting their abstracts and presentations.