

Wednesday, 24th of July

08:30-10:00 Room: M7

Regional Chapter Meetings

Group 1: 08:30-9:30 (North and South America)

Group 2: 09:00- 10:30 (Europe, Asia-Pacific and Middle East/Africa)

13:00-14:00 Room: A4

Lunch with Leaders

Registration required

14:00-15:30 Room: M7

How to Start Your First Research Lab

It is not only passion that guides the way of starting your first lab. Writing grants, applying for funding and cooperations, managing rejections, supervising students, teaching and course development are as well part of the process of building a successful research group and lab. This session aims to give you helpful advice on how to start and run a lab without being totally stressed out. It is an advice to all mid and senior postdocs, tenure tracks and interested PhDs, and thus maybe one day you can forward your knowledge and your experience to the next generation of faculty members.

- Björn Eskofier -

16:00-18:00 Room: M7

Networking I: (Students) Navigating your academic career in BME

Come meet other biomedical engineering students from around the world! This reception is an opportunity to make long-lasting career connections with your peers. Appetizers and refreshments will be provided.

- Alejandro Azocar -

Thursday, 25th of July

08:30-10:00 Room: M7

Student Paper Competition I

10:30-12:00 Room: M7

Student Paper Competition II

13:00-14:00 Room: A4

Lunch with Leaders

Registration required

13:00-14:00 Room: R13

Meet the Editors

14:00-15:30 Room: M7

Student Paper Competition III

15:30-16:00 Room: M7

Student Competition Judge

16:00-17:00 Room:M7

Funding Your Graduate Education: Fellowships

Fellowships provide financial and intellectual freedom during your graduate education. In this session, we'll highlight some of the major fellowship opportunities around the world and provide guidance about the application process.

- Alejandro Azocar -

18:00 - 19:00 Room: Cube Café

Women in Engineering Social Event

19:30 - 21:00 Room: A5

EMB AE Forum

21:00 - 22:00 Room: A4

EMB AE Reception

Friday, 26th of July

08:30-10:00

Room: M7

Scientific Writing and Manuscript Preparation

Technical writing and manuscript preparation are indispensable tools that all we all need to get to grips with as we establish ourselves in our chosen careers. This session will provide some tips on the preparation of technical manuscripts that will facilitate writing publishable documents. This session will provide a good basis giving an understanding of this important process that is a central tenet of being a successful research scientist. Attendees will learn the skills needed to create well-written scientific articles for publication in journals or proceedings. The structure of a paper and the roles of its various parts will be discussed. Principles of good technical writing will be reviewed and how to avoid common pitfalls. Lastly, the use of writer's aids, many of which are available on line, will be addressed. Session objectives will include, but not limited to: planning and crafting well-written articles for publication, improving the quality of scientific writing, editing and revising writing for consistent style, avoiding common errors in grammar and punctuation, overcoming writer's block. This session is intended for researchers, especially students and those in their early career, who want to improve their skills in writing scientific articles. The material will begin at an introductory level, but will also benefit those with some experience in technical writing.

- Christopher James, Christian Linte -

10:30-12:00

Room M7

Tips on Effective Presentation Design and Delivery

For many of us oral presentations can be the prime means for communicating our ideas and our research, not only to our peers, but also to our employers and to potential customers. As students, you are no exception the prospect of an oral presentation can be daunting, the pressure is on to make a good impression with your research. That we are scientists presenting sometimes very complicated scientific ideas and results need not necessarily be a recipe for a sleep inducing "death by PowerPoint" presentation, rather there are simple ways in which we can all try and make our presentations effective and captivating. This session aims to give you some all-round pointers on preparing and delivering an effective presentation that best conveys your ideas smoothly, understandably and, most important, succinctly. Three elements of putting together an effective oral presentation will be discussed in this session. Practical pointers on effective design will be given, followed by tips on the delivery of your presentation, and the art of delivering your specialty to a non-scientific audience will be addressed. Lastly, several tips and strategies for putting together appealing and efficient posters, and how to maximize the information highlighted during a poster presentation will be covered. This session will deliver some practical pointers on planning and designing a presentation that is fit for purpose - encouraging you to think creatively about the planning process and the design of your presentation. It will deal with practical aspects of presentation design linking the creative use of space, font styles and sizes, colours and so on in order to make your presentations legible in the first instance. Above all, you will learn what to keep in mind to keep your presentations most effective. Once you have designed your presentation you will need to prepare the delivery, rehearse and then actually deliver your presentation. This talk will deal with your preparation as a presenter - how to deal with the planning and execution of your talk, giving some pointers on keeping to time, keeping to the point and most of all, making sure you and your work are understood. In addition, you will also hear suggestions on what to do on the day of the presentation, how to properly project your voice, how to make use of various language tools, and of course, how to handle questions!"

- Christopher James, Christian Linte-

13:00-14:00 Room: M2

Student Panel Discussion

13:00 - 14:00 Room: A4

Women in Engineering Lunch

14:00-15:30 Room: M7

Networking II: (YP) Launching your professional career in BME

The purpose of the session is to connect young scientists and fresh graduates with more experienced faculty members and practitioners, in an informal networking environment, to answer to some of their questions related to the transition from studentship to postdoc, to a permanent position. The session will see the participation of personalities in Biomedical Engineering, which will briefly introduce some aspects of this career stage and then will answer Q&A from the floor.

- Laura Astolfi –

17:00-18:00 Room: M7

Innovating the future of MedTech I :

Guiding principle for entrepreneurs and academic innovators

This session is aimed for early career academic innovator and budding entrepreneurs and will comprise of three expert talks followed by a panel discussion.

1. Valuable MedTec Innovation in an exponential world — an attempt for a recipe from a serial Entrepreneur and Academic Innovator [Prof. Michael Friebe, Professor at OVGU, CEO at IDTM]
2. Reflections on Entrepreneurship: Lessons Learned by a Life Sciences Entrepreneur (thus far) [Dr. Colin Brenan, Founder/CEO at 1CellBio Inc.]
3. High-quality IP protection: a necessity for spin-out success. [Dr. Christian Kilger, European Patent Attorney]

- Michael Friebe, Colin Brenan –

18:00 -19:30 Room: M7

Innovating the future of MedTech II:

Panel Discussion and open session

After the expert talks, the experts will discuss the topic of being an entrepreneur and an academic innovator in a panel discussion. The participants are also welcome to join in for an informal hangout after the session and discuss the opportunities and challenges of being an entrepreneur.

- Ahmed Morsey –

19:30-22:00 Room: Cube Café

Students and YP Reception

Registration required

Saturday, 27th of July

08:30 - 10:00

Room: M7

Member and Student Committee

- Steve Wright, Alejandro Azocar -

10:30 - 12:00

Room: M7

Volunteering and Local Activities with EMBS

- Steve Wright, Subhamoy Mandal -