



PARTICIPATE AT BME@LiU 2021

The Department of Biomedical Engineering, IMT, at Linköping University invites you to the second annual biomedical engineering conference.

Are you interested in participating at the BME@LiU 2021 conference?

Here are three links to keep an eye on:

- [Through this link](#) you find information about day
- [Through this link](#) you can register to participate
- [Through this link](#) you can indicate your interest in presenting your research or contribution to the Digital Arena

Details

When: February 18

Where: Online

The conference will be digital and broadcasted live via Youtube with lectures and a digital arena where posters and other material will be presented.

Need to contact us?

Please send an email to peter.hult@liu.se

Preliminary program 2021

08.25 Introduction
Tomas Strömberg, Head of Department, Professor
Department of Biomedical Engineering, Linköping University.

Challenges for biomedical engineering

08.30 Biomedical engineering at Linköping University
Jan-Ingvar Jönsson, Vice-Chancellor, Professor
Linköping University.

09.00 WCMM & ForumScientium [\[Read more here\]](#)
Stefan Klintström, Senior Lecturer
Department of Physics, Chemistry and Biology,
Linköping University.

09.10 East Sweden Medtech
Anna Fahlgren, professor, Linköpings universitet
Terése Källberg, Region Östergötland.

09.25 Center for Medical Image Science and
Visualization (CMIV) [\[Read more here\]](#)
Anders Persson, Professor
Department of Health, Medicine and Caring Sciences,
Linköping University.

09.40 Department of Biomedical Engineering
[\[Read more here\]](#)
Marcus Larsson, Senior Lecturer
Department of Biomedical Engineering, Linköping University.

Coffee break + Digital arena

10.00 Presentations of research and organisations
At our webpage you may view posters, watch pre-recorded presentations and discuss presented material in dedicated Zoom-rooms

Research presentations

11.00 A new focus Area eHealth in LiU and RÖ: why, what and who
Tiny Jaarsma, professor and Anna Strömberg, professor
Department of Health, Medicine and Caring Sciences, Linköping University.

11.30 Digital patologi
Claes Lundström, Adjunct Professor
Department of Science and Technology, , Linköping University.

11.45 Engineering of oligonucleotides for drug delivery
Frank Hernandez, Senior Lecturer
Department of Physics, Chemistry and Biology

Lunch + Digital arena

12.00 Presentations of research and organisations
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Research presentations

13.00 Neuroengineering (Preliminary title)
Karin Wårdell, Professor
Department of Biomedical Engineering, Linköping University.

13.30 Physiologically based, multi-level, and multi-organ digital twins in healthcare
Gunnar Cedersund, Senior Lecturer
Department of Biomedical Engineering, Linköping University.

13.50 Health informatics (Preliminary title)

14.10 Cardiovascular imaging (Preliminary title)
Tino Ebberts, Professor
Department of Health, Medicine and Caring Sciences, Linköping University.

14.25 To be announced

Coffee break + Digital arena

14.40 Presentations of research and organisations
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Research presentations

15.00 Biomedical Image Science (Preliminary title)
Carl Fredrik Westin, Professor.
Harvard Medical School, Boston and Visiting Professor Linköping University

15.30 Solving problems in medical image processing using synthetic images
Anders Eklund, Senior Lecturer
Department of Biomedical Engineering, Linköping University.

15.45 To be announced

End of the day