LTH Profile Area Engineering Health 2026 Annual Meeting

September 21 – 22

Elite Hotel Marina Plaza, Helsingborg

Program

Monday 21 September

All Times are Central European Summer Time (CEST).

09:30 Coffee break
10:00 Registration

10:30 Welcome Address – Frida Sandberg

10:45 **Keynote Speaker 1: Martina Kvist Reimer (Region Skåne, and industry):**
"Connecting the Dots: A Systems View on Sustainability in Life Science research"

Workshop and discussion

12:00 Lunch

Invited Talks (10 min + 5 min Q&A)

13:30 *Imaging the fetal heart in 3D using MRI: Improving Diagnostic Quality Through Motion Correction*
Mattias Karlsson, Biomedical Imaging

13:45 *From the environment to the immune system: hidden regulators of human health*
Christina Sakellariou, Biomolecular and Cellular Technology

14:00 *Bioengineered microenvironments for lung regeneration and 3D in vitro modeling*
Arturo Ibáñez-Fonseca, Biomaterials and Biomechanics

14:15 *Taking blood apart by acoustic fields*
Per Augustsson, Micro- and Nanobiotechnology

14:30	*Digital and Data-Driven Health: Trends and Opportunities for 2026* Mikael Nilsson, Digital and Data-Driven Health
14:45	Coffee Break
15:15	Pitch presentations (3 Minutes)
15:45	Poster Session
19:00	Dinner with Pub Quiz

Tuesday 22 September

All Times are Central European Summer Time (CEST).

09:00 **Keynote Speaker 2: Ann Åkerman, LU**
"What Makes LU a World Leader in Sustainability Rankings?"

Keynote Speaker 3: Linn Hemberg (Clinician, LU)
"From ambition to action: sustainability in clinical research"

10:00 Coffee Break and question preparation for panel discussion

10:30 Panel discussions (all keynote speakers and audience)

Invited Talks (10 min + 5 min Q&A)

11:15 *The role of toughness in bone fragility*
Anna Gustafsson, Biomaterials and Biomechanics

11:30 *Exploring Longitudinal Arterial Wall Motion in the Common Carotid Artery - Expanding the Scope of Vascular Ultrasound*
Artturi Petäjä, Biomedical Imaging

11:45 *From Immune Cell Mapping to Novel Cancer Therapy: Target Discovery, Drug Development, and Translational Testing*
Viktor Sincic, Biomolecular and Cellular Technology

12:00 *Acoustically driven particle motion: Modeling and control*
Thierry Baasch, Micro- and Nanobiotechnology

12:15 *Title: tba*
Atiye Sadat Hashemi, Digital and Data-Driven Health

12:30 Lunch

13:30 Mentorship Program

13:40 **Keynote Speaker 4: Gunnar Cedersund, Linköping University**

“Personalized digital twins of individuals, for personalized healthcare and sustainable health”

14:25 Award Ceremony

14:40 Concluding Remarks

14:45 Coffee break, to go if needed