



GREEN LABS: REDUCING THE IMPACTS OF
UNIVERSITY LABORATORIES ON THE
ENVIRONMENT
28TH OF JUNE 2024, ONLINE

Agenda World Symposium

Timezone CEST (UTC+2):

Time	Topic	Speaker
10:00	Opening of the conference	Caterina Baars, Hamburg University of Applied Sciences
10:05	Welcome words	Prof. Dr. Walter Leal Filho, Hamburg University of Applied Sciences
10:15	Keynote 1 Sustainable Research Moving Forward	Dr. Martin Farley, UKRI Associate Director of Environmental Sustainability Programmes, Director (Green Lab Associates), FIEMA
10:35	Keynote 2 The Importance of Collaboration in Lab Sustainability: How to Avoid Reinventing the Wheel	Dr. Valeria Scagliotti, Sustainable European Laboratories Network (SELS)
10:55	Impulse Lectures – Focus on cases and best practices	
	Room 1	
	Moderator: Dr. Joao Eustachio (ESSSR)	
	10:50 – 11:05	



The Carbon Impact of Biotech and Pharma: Collective Actions Accelerating Progress
to the UN Race to Zero

Pernilla Sörme (My Green Lab), UK

11:05 – 11:20

Sustainable laboratory practices at the University of Groningen, NL

Thomas Freese (University of Groningen), Netherlands

11:20 – 11:35

Sustainability and Science – A New Synergy

Patrick Penndorf (ReAdvance), Germany

11:35 – 11:50

The role of central core facilities of research institutions to engage researchers and
raise awareness towards sustainability

Inmaculada Moreno and Isabel Oliveira (Institute for Bioengineering of Catalonia), Spain

11:50 – 12:05

Ebatronics: a green lab for experiments in control engineering

Prof. Dr. Luigi Fortuna & Arturo Buscarino (University of Catania), Italy

Room 2

Moderator: *Dr. Amanda Lange Salvia (ESSSR)*

10:50 – 11:05

The journey towards sustainability of a research center for bioengineering

Dr. Cristina Arimany (Institute for Bioengineering of Catalonia), Spain

11:05 – 11:20

Insights on sustainable actions at the Faculty of Science and Engineering of the
University of Groningen

Foteini Trigka (University of Groningen), Netherlands

11:20 – 11:35

Advancing Sustainability in Science: A Case Study of EMBLs Sustainability Strategy and its Implementation

Brendan Rouse (EMBL European Molecular Biology), Germany

11:35 – 11:50

Frugal Innovations in Green Labs: Fostering Sustainability and Empowerment in Low-Income Communities

Prof. Dr. José Baltazar Salgueirinho Osório de Andrade Guerra (Anima educacao Brazil), Brazil

11:50 – 12:05

DESYs sustainability strategy

Andrea Klumpp (DESY German Electron Synchrotron), Germany

12:15 Impulse Lectures – Focus on parameters

Room 1

Moderator: *Dr. Amanda Lange Salvia (ESSSR)*

12:15 – 12:30

Biomass and biomass waste processing and valorization to achieve progress towards bioeconomy and circular economy: strategy for development of green laboratories

Prof. Dr. Maris Klavins (University of Latvia), Latvia

12:30 – 12:45

Unlocking the Potential of 3D Printing in University Laboratories for Enhanced Efficiency and Environmental Sustainability

Tobias Werres (IUTA e. V.), Germany

12:45 – 13:00

Ventilation Systems are the largest energy consumers

Gabi Lilienthal (University of Frankfurt), Germany

Room 2

Moderator: *Dr. Joao Eustachio (ESSSR)*

12:15 – 12:30

Air ventilation: the case of TU Darmstadt

Bianca Schell (TU Darmstadt/University Konstanz), Germany

12:30 – 12:45

Handling the problems associated with the disposal of chemical reagents and materials used in laboratories at engineering universities in Ukraine

Dr. Oleksandra Kunyk (National University of Food Technologies), Ukraine

12:45 – 13:00

Influence of the socio-technical system in the laboratory on its sustainability

Egbert Dittrich (EGNATON), Germany

13:10	Lunch
13:40	Practical Solutions from the Industry

13:40	13:40 – 13:55
	Measuring Impact: A Framework for Sustainable Plastic Reuse
	<i>Dr. Nicolas Autret (GRENOVA), France</i>

13:55 – 14:10

TBA

Dr. Jan Bebermeier (Eppendorf), Germany

14:10	Conclusion
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14:10	Panel discussion Towards more sustainable laboratories – innovative opportunities vs. practical implications	Dr. Martin Farley, Dr. Nicolas Autret, Dr. Valeria Scagliotti, Patrick Penndorf, Prof. Dr. José Baltazar de Andrade Guerra, Thomas Freese
14:40	Conclusion	Prof. Dr. Walter Leal Filho, Hamburg University of Applied Sciences



14:45

Official end of the Symposium