

Announcement and request for submission of contributions

10–12 September 2024

University of Applied Sciences Weihenstephan–Triesdorf,
Technical University of Munich and
Bavarian State Research Center for Agriculture
at Freising (Germany)

16th Conference: Construction, Engineering and Environment 2024
in Livestock Farming



Information

The Board of Association for Technology and Construction in Agriculture (KTBL), the Max Eyth Society for Agricultural Engineering in the Association of German Engineers (VDI-MEG) and the European Society of Agricultural Engineers (EurAgEng) together with the University of Applied Sciences Weihenstephan-Triesdorf (HWST), Technical University of Munich (TUM) and Bavarian State Research Center for Agriculture (LfL) invite you to the

16th Conference

"Construction, Engineering and Environment in Livestock Farming"

from 10 to 12 September 2024 in Freising (Germany)

Farm animal husbandry is caught between "animal welfare", "environmental protection" and "nutritional risks". In order to objectify the discussion and develop a neutral basis, scientific research and professional debate are necessary. Therefore, we invite all scientific and scientific-related institutions to present their current results at the BTU Conference 2024 in Freising and to take part in the professional discussion.

The biennial conference "Construction, Engineering and Environment in Livestock Farming" (BTU) is the scientific platform for the presentation and discussion of the latest research results. Therefore, contributions on current research results, on efficient and promising approaches, but also on future developments and concepts for sustainable animal husbandry will be presented at the upcoming conference. Innovative scientific methods and approaches will also be presented and discussed. The BTU is the meeting place for science, business, consulting and administration on these current topics in livestock farming. In addition to presentations and posters, the conference also offers time for discussions and for making and maintaining contacts.

In a separate session for manufacturers and industry, there is the opportunity to present innovative systems. In addition to the concept and strategy presentation of products close to the market, a qualitative and quantitative evaluation is expected and desired.

Announcement

Call for papers

The organizers invites scientists, engineers, consultants and manufacturers from Germany and abroad to submit contributions in the form of an oral or poster presentation.

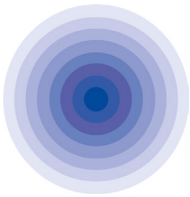
The scientific contributions should deal with innovative and forward-looking technical developments, strategies and solutions in the following thematic areas for livestock cattle, pigs, sheep, goats, horses, poultry, aquaculture and new beneficial organisms:

- Labour requirements and management concepts
- Civil engineering, building design, building constructions and investment costs
- Energy management and energy efficiency
- Manure handling and manure processing
- Feed and water supply
- Indicators and evaluation systems
- Milking procedures and udder health
- Sustainable production systems
- Precision-Livestock-Farming and Smart-Farming-Applications
- Quality assurance, documentation and traceability
- Barn climate
- Animal-friendly husbandry systems
- Environmental impacts, emissions, immission and climate protection
- Consumer acceptance and ethics in animal husbandry

Please send the version of your contribution
by February 15, 2024 to the following e-mail address
btu2024.ast@ls.tum.de

Conference registration

To register for the conference, please visit www.btu-tagung.de.



Notes for authors

As at the last conference, only a long version of 4 pages is planned. This will then be published in the conference proceedings. The versions for a presentation or poster must contain the following information:

- Contribution title
- Author name with complete service address incl. e-mail address
- Clear structuring: objective, material and methods as well as results on 4 pages including tables and figures and a 1/4 -page English summary
- Type of presentation: oral or poster
- Assignment to one of the above topics
- Language of the oral presentation: German or English

The program committee decides on the acceptance of the submitted contributions. The authors will be informed at an early stage.

The proceedings of the conference will be published as a PDF file with the contributions of all accepted lectures and posters as a link on an Internet platform.

Following the conference, it is possible to publish a revised version of the conference paper in the journal 'LANDTECHNIK' www.landtechnik-online.eu.

The author notes can be found at www.btu-tagung.de. The conference languages are German and English. Simultaneous translation is not provided.

The final conference program and further information about the conference are available at:

www.btu-tagung.de

Important deadlines	
Submission abstract	15.02.2024
Early bird registration	01.07.2024

Programme committee

Chairmanship

Prof. Dr. Heinz Bernhardt
Technical University of Munich (TUM), München (Germany)

Members

Prof. Dr. Thomas Amon
Leibniz Institute for Agricultural Engineering and Bioeconomy (ATB), Potsdam (Germany)

Prof. Dr. Barbara Benz
University of Economics and Environment, Nürtingen-Geislingen (Germany)

Dipl.-Ing. Sebastian Bönsch
Lower Saxony Chamber of Agriculture, Branch Office Sulingen (Germany)

Prof. Dr. Wolfgang Büscher
University of Bonn, Bonn (Germany)

Prof. Dr. Eva Gallmann
University of Hohenheim, Stuttgart (Germany)

Prof. Dr. Andreas Gronauer
Free University of Bozen-Bolzano, Bozen (Italy)

Prof. Dr. Ir. Peter Groot Koerkamp
Wageningen University & Research, Wageningen (The Netherlands)

Dr. Jan Harms
Bavarian State Institute for Agriculture, Freising (Germany)

Prof. Dr. Eberhard Hartung
Christian-Albrechts-University of Kiel, Kiel (Germany)

Prof. Dr. Sandra Rose
University of Applied Sciences Neubrandenburg, Neubrandenburg (Germany)

Birgit Spindler
University of Veterinary Medicine Foundation Hannover, Hannover (Germany)

Prof. Dr. Matthias Schick
AgroVet Strickhof, Lindau (Switzerland)

Prof. Dr. Ir. Bart Sonck
Research Institute for Agriculture, Fisheries and Food (ILVO), Melle (Belgium)

Prof. Dr. Martin Ziron
South Westphalia University of Applied Sciences, Soest (Germany)

Organization

Organizer

University of Applied Sciences Weihenstephan-Triesdorf (HWST), Freising
Technical University of Munich (TUM), Munich
Bavarian State Research Center for Agriculture (LfL), Freising
Association for Technology and Structures in Agriculture (KTBL), Darmstadt
VDI Department Max Eyth Society Agricultural Engineering (VDI-MEG), Düsseldorf
European Society of Agricultural Engineers (EurAgEng), Brussels

Conference location

University of Applied Sciences Weihenstephan-Triesdorf
Gebäude D1
Am Staudengarten 1
85354 Freising

Local organization

Technical University of Munich
Agricultural Systems Engineering
Dürnast 10
85354 Freising
Tel: +49 8161 71-3440
btu2024.ast@ls.tum.de

Conference fees

Group	Registration until 01.07.2024 (early booker)	Registration (regular)
Participants	205 €	225 €
Presenters/Moderators	190 €	205 €
Students (Proof required)	50 €	50 €

The conference fee includes conference proceedings, lunch, conference drinks, get together and evening event.

Accommodation

A hotel directory is published on the Internet at www.btu-tagung.de.