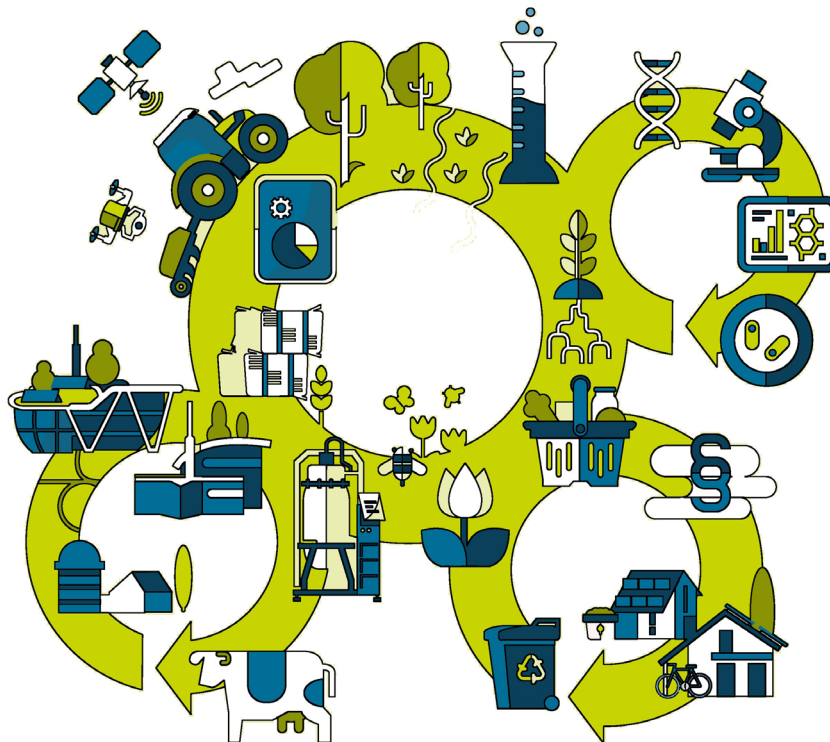


International Research Symposium on Bioeconomy and Sustainability

5th and 6th October 2022

Location:
Room 01.03.12
University of Applied Sciences Jena
Carl-Zeiss-Promenade 2
07745 Jena
Germany



Project:

EAH.International: University Collaborations in the Context of Sustainable Development

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Programme

5th October 2022

- 09:00 - 09:30 a.m. Registration
- 09:30 - 09:40 a.m. Welcome Remarks
- 09:40 - 09:55 a.m. Welcome Remarks
Michael Pfaff, Dept. of Medical Engineering and Biotechnology, University of Applied Sciences, Jena, Germany
Matthias Schirmer, Dept. of Industrial Engineering, University of Applied Sciences, Jena, Germany
Heiko Haase, Dept. of Business Administration, University of Applied Sciences, Jena, Germany
- 10:00 - 10:45 a.m. Utilize By-products and Minor Crops for Tackling Food Insecurity- the Grand Global Challenge
Trang Ha Dieu Nguyen, Industrial University of Ho Chi Minh City, Ho Chi Minh City, Vietnam
- 10:45 - 11:30 a.m. Agroecological Rice Intensification - An Approach for Economic Benefit, Energy Efficiency, and Lower Global Warming Potential in Smallholder Farms in Northern Mountainous Vietnam
Truong Thi Anh Tuyet, Thai Nguyen University of Agriculture and Forestry, Thai Nguyen, Vietnam
- 11:30 - 12:30 p.m. Lunch break
- 12:30 - 01:15 p.m. Transition towards Sustainable Sources of Energy: Understanding On-farm Biomass Contribution to Household Energy Consumption
Custodio Efraim Matavel, Leibniz-Zentrum für Agrarlandschaftsforschung, Müncheberg, Germany
- 01:15 - 02:00 p.m. Personal Exposure Assessment of Fine Particulate Matter for Commuters in Hanoi
Nguyen Thi Thu Hang, Thai Nguyen University of Agriculture and Forestry, Thai Nguyen, Vietnam
- 02:00 - 02:30 p.m. Coffee Break
- 02:30 - 03:15 p.m. Integrated Assessment Framework for Low iLUC Risk Certification
Beike Sumfleth, Deutsches Biomasseforschungszentrum, Leipzig, Germany
- 03:15 - 04:00 p.m. Bioeconomy of the Riverside Forests of the Middle Basin of the Nanay River
Roberto Pezo Díaz, National University of the Peruvian Amazon, Peru

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6th October 2022

- 09:30 - 10:15 a.m. Construction for the Screening Method to Assess the Risk of Lead (Pb) Contamination in Soil Around Industrial Zones
Binh Nguyen Thi Lan, Industrial University of Ho Chi Minh City, Ho Chi Minh City, Vietnam
- 10:15 - 11:00 a.m. Photocatalytic Degradation of Endocrine-disrupting Chemicals on Bismuth-based Films under Synthetic Sunlight
Michael Suarez, Ikiam - Universidad Regional Amazónica, San Juan de Tena, Ecuador
- 11:00 - 11:45 a.m. Selection and Optimization of the Culturing Process Salt-tolerant Bacteria Strains Isolated from Local Saline Wastewater
Nguyễn Hoàng Mỹ, Industrial University of Ho Chi Minh City, Ho Chi Minh City, Vietnam
- 11:45 - 12:45 p.m. Lunch Break
- 12:45 - 01:30 p.m. Fractal Dimension and Microstructural Evolution of Initial Membrane Deposits During Ultrafiltration of Surface Waters
Andrea Belén Salgado Revelo, Ikiam - Universidad Regional Amazónica, San Juan de Tena, Ecuador
- 01:30 - 02:15 p.m. Using Natural Solvents in Efficient Separation of Hazardous Plastic Waste for Sustainable Recycling
Nguyen Thi Thanh Truc, Industrial University of Ho Chi Minh City, Ho Chi Minh City, Vietnam
- 02:15 - 02:45 p.m. Closing Remarks

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