



International Commission of Agricultural and Biosystems Engineering

December 2023

Newsletter 135

"...to serve - on a world-wide basis and through its members - the needs of humanity by fostering mutual understanding, improvement and rationalisation of sustainable biological production systems while protecting nature and environment and managing landscape through the advancement of engineering and allied sciences..."

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Web: www.CIGR.org

Journal: www.CIGRjournal.org

Contact us: secretarygeneral@CIGR.org

Important dates coming up: 6th CIGR International Conference

May is just around the corner and with it the 6th CIGR International Conference. As May 19 date approaches important deadlines are also coming up.

These include:

The **Call for Abstracts deadline is on January 19, 2024**. Acceptance notices will be sent out on February 2nd, 2024. Note that this conference is presential, as a result the submitting author must attend the conference and be present to present his/her work. Authors must be registered in the conference to be included in the technical program.

The Early-Bird registration deadline is February 12th, 2024. Standard registration deadline is May 15th, 2024. After May 15th participants must register on-site.

A **list of hotels** is available at the Conference's [web site](#). Hotel reservations are open now. Hotels are within walking distance or a short drive from the conference venue.

Please note that **Jeju airport is a domestic airport and may require international travelers to transfer from**

the Incheon International Airport to the Gimpo Domestic airport in Seoul. Transfer information is available at the conference's [website](#).

The organizers have **recruited outstanding individuals as plenary and keynote speakers** that will provide unique insights into advances and direction of our profession. The speakers can be found at the conferences' [website](#).

Sponsorship of the conference is welcome. The **deadline for sponsorship submission is January 31st, 2024**. At the time of this newsletter sponsors include: Rural Development Administration, Korea Agriculture Technology Promotion Agency, Seoul National University, Chungnam National University, Daedong, LS, Mtron, TYM, LifeNTech, and KoSFarm.

Reservation of exhibition space is available. Arrangements can be made by contacting exhibition.cigr2024@planbgroup.org

The 6th CIGR International Conference: *Digital Agriculture to Feed the Future*

<http://CIGR2024.org>

May 19th – 22nd, 2024

ICC Jeju, Republic of Korea

Organized by: Korean Society for Agricultural Machinery (KSAM)

The Korean Society for Agricultural Engineers (KSAE)

The Korean Society for Bio-Environment Control (KSBEC)

Fourth Call: Proposals for 2028 CIGR International Meeting Venue

The CIGR Presidium is requesting from CIGR member societies proposals to host the 2028 CIGR International Meeting.

A statement of interest is due January 15, 2024.

Complete proposals are due April 19th, 2024.

A final decision will be made during the XXI CIGR World Congress 2024 that will be held May 19th-22nd in Jeju Island, Republic of Korea, and is hosted by KSAM, KSAE, and KSBEC.

Any society interested in hosting the 2028 CIGR International Meeting please contact the Secretary General at secretarygeneral@cigr.org for further information.

For submission Guidelines see CIGR Newsletter 133 at <https://cigr.org/view-newsletters>

Invitation to AGENG2024, July, Athens, Greece



Nikolaos Katsoulas,
University of Thessaly
Greece
General Chair AgEng2024

Dear friends and colleagues,

As the organizational preparations of [AgEng2024](#) proceed more intensively, it is equally important to mobilize all stakeholders to have maximum interaction and effectiveness within our community.

The abstract submission process is open, providing the opportunity to present the results of your research and

enhance your professional profile. **The abstract submission deadline is January 31st, 2024.**

Moreover, meaningful, and consistent social media engagement is crucial for the success of our contribution to society. In this context, we invite you to follow/subscribe to our social media accounts, like the posts, comment and share to your own accounts. Let's spread the word of how exciting AgEng2024 will be and how impactful our science is for society.

I'm Looking forward to meeting you in Athens this July!

On behalf of the Local Organizing Committee,

Nikolaos Katsoulas

For more information see
<https://pcoconvin.eventsair.com/agenq24/>

ASABE's Recently Published special collection on Circular Systems.

Circular Food and Agricultural Systems

The American Society of Agricultural and Biological Engineers (ASABE) launched a new initiative in 2020 – Transforming Food and Agriculture to Circular Systems (TFACS) – that calls for system-level solutions. Linear systems focus on creating a profitable yield while considering the financial costs of inputs (e.g., water, nutrients, energy) with little regard to resource use efficiencies and the broader impacts of losses and waste. Circular systems consider a more holistic view for transforming systems using principles that: (1) design out waste and pollution; (2) keep products and materials in use, (reuse, share, repair, refurbish, remanufacture, recycle); (3) regenerate natural systems; (4) increase the productivity of resource use;

and (5) provide economic benefits. This introduction to the Special Collection of articles provides an overview of ASABE's initiative to accelerate the growth of circular bioeconomy systems and introduces the articles in this ASABE Special Collection. Articles in this collection provide examples showing the benefits of combining circular economy and bioeconomy concepts to develop the cascading use of biomass from biological resources for economic development. The articles also identify the need for additional work to move society toward circular food and agricultural systems. Efforts to rethink and redesign future systems using circular bioeconomy concepts can rapidly create more sustainable, resilient, and equitable food and agricultural systems.

(From ASABE.org)

Invitation to the 22nd World Congress of Food Science and Technology



Sebastiano Porreta
SSICA, Parma
Italy
President, Italian Association of
Food Technology

Welcome to Italy! If you have already been to Italy, it is an opportunity to come back in the best season, but if you have never been... no doubt about it "Italians do it better!" Art, fashion, relax, seaside, food. 22nd IUFOST World Congress 2024 of Food Science and Technology will be held in Rimini, certainly among the most welcoming Italian places, from 8 to 12 of September 2024. We have lined up an exciting programme that will

include industry-based workshops, distinguished plenary and keynote speakers, industry led concurrent sessions, applied research presentations and a plethora of networking opportunities since we expect to attract more than 2,500 delegates from Americas, Europe, Asia-Pacific and worldwide. The congress aims to outline the new challenges that the sector will face and for these reason the multi- and interdisciplinary meeting of all the scientific communities, that too often operate isolated from each other, will be welcome. And not only, a side program of both professional (visits to major food companies) as well tourism interest (Venice, Milan, Rome, Naples ... and much more).

Stay tuned and save the dates... see you in Rimini.



Registrations and abstract submission now open!

REGISTRATIONS

ABSTRACT SUBMISSION

COMPETITION

Deadline for Abstract Submission is February 18th

Upcoming Conferences

6th CIGR International Conference, May 19-23, 2024, Jeju Island, Korea.



<http://CIGR2024.org>

The theme of this CIGR International Conference is "Digital Agriculture (Feed the Future)". Dynamic thought leaders, scientists, and researchers will share and exchange information about state-of-the-art technology related to agricultural engineering in this conference. In addition, this conference will provide a great opportunity for communication with all of the participants from around the world, who are global experts in the area of agricultural and biological engineering. The program will consist of 8 potential technical sessions, i.e. novel technology and innovation in agricultural machines, robotics and sensing technology structures and agricultural environments, sustainable plant production, artificial intelligence and data science, machine vision system for agricultural processing, food safety, processing and engineering, and smart livestock farming. These sessions will be valuable forums for the exchange of recent research findings in the various academic fields.

2024 AAE International Agricultural Engineering Conference, 22-24, May 2024, Bangkok, Thailand



For more information see [AAAE – Asian Association for Agricultural Engineering \(aaaesociety.org\)](http://aaaesociety.org)

AgEng2024 International Conference of EurAgEng, 1-4 July, 2024, Athens, Greece



[Agricultural Engineering challenges in existing and new agroecosystems \(eventsair.com\)](https://eurageng.eu/events/ageng-2024)

AgEng2024 is being hosted by the Hellenic Society of Agricultural Engineers. Delegates will have the stage to exchange knowledge and ideas, present innovations, and discuss the perspectives for agricultural engineering for the sustainable *future of agriculture*. For more information see *AgEng 2024 - EurAgEng* (<https://eurageng.eu/events/ageng-2024>).

AgEng2024 aims to foster strong collaboration between academia, agricultural organizations, research institutions, and industry, with the shared goal of advancing research and driving innovation in this field. To achieve this target, AgEng2024 will include a scientific program comprising plenary talks from distinguished speakers, special sessions, tutorials as well as oral and poster presentations; special sessions include Publishing with Biosystems Engineering, while a technical tour will provide to the participants hands-on experience in interesting applications.

ASABE Annual International Meeting, July 28-31, 2024, Anaheim, CA USA



Abstract Submission January 20th, 2024

Key deadlines [here](#)

For more information go to <https://www.asabemeetings.org>

22nd World Congress of Food Science and Technology, September 8-12, 2024, Rimini, Italy

22nd World Congress of Food Science and Technology



SEPTEMBER 8-12, 2024
RIMINI - ITALY

[IUFOST 2024 | 22nd World Congress of Food Science and Technology \(iufost2024-italy.com\)](https://iufost2024-italy.com)

Abstract submission Deadline is February 18, 2024

Submit your abstract at:

[CLICK HERE TO SUBMIT YOUR ABSTRACT](https://services.aimgroup.eu/ASPClient/loginindividual.asp?eventoid=5200)

<https://services.aimgroup.eu/ASPClient/loginindividual.asp?eventoid=5200>