



International Commission of Agricultural and Biosystems Engineering

June 2022

"...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..."

Find information on the 2022 CIGR World Congress at: <http://cigr2022.org/>

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Contents

Second Call: CIGR Incoming President Nominations	2
2022 CIGR World Congress in Kyoto: Now face-to-face and online.	2
News from ASABE	3
From the EurAgEng Newsletter	4
CSBE-SCGAB Webinars.....	5
New Web Page: Working group on Rural landscape, structures and infrastructure planning and valorization.....	5
Nigerian Institution of Agricultural Engineers 22nd Int. Conference	6
Attention! CIGR Journal Scam	6
7 th International College Students Intelligent Agricultural Equipment Innovation Competition, Jiangsu University, China .	6
Job Postings.....	13
Professor Mechanical Engineering in agro-food automation and robotics, University of Leuven.....	14
Upcoming Conferences.....	15
ASABE 2022 Annual International Meeting, 17-20 July, 2022, Houston, Texas, USA.....	15
CSBE/SCGAB's AGM and Technical Conference 24-27 July, 2022, Charlottetown, Prince Edward Island	15
VII International Scientific Conference on Conserving Soil and Water, 24-27 August, 2022, Borovets Bulgaria.....	16
11 th International Drainage Symposium, 10 August-2 September, Des Moines Iowa, USA.....	17
Sustainable Production Agrosystems With Water Scarcity (SUPWAS), 5-7 September, Albacete, Spain	17
HAICTA 2022: 10th Int. Conference on Information and Communication Technologies in Agriculture, Food & Environment, 22-25 Sept., Athens, Greece	18
2 nd International Conference on Research of Agricultural and Food Technologies (I CRAFT2022) 06-07 October 2022, Adana, Turkey	20
Sustainable Energy for Sustainable Future. 24-26 October, 2022, San Jose, Costa Rica.....	20
AgEng-Land.Technik , 22-23 November, 2022, Berlin, Germany.....	21
CIGR World Congress: 5-10 December, Kyoto, Japan 2022.....	22

Web: www.CIGR.org

Journal: www.CIGRjournal.org

Contact us: secretarygeneral@CIGR.org

Second Call: CIGR Incoming President Nominations

The Secretary General's Office is accepting nominations for CIGR Incoming President per Article 7 of the CIGR statutes. Nominations can be made by representatives of member organizations. Nominations must be submitted by November 25th, 2022. Term of service is for six years starting in 2023: Two years as incoming resident, two years as President and two years as Past President. The nomination package must include: 1. A letter from the nominating member organization representative that includes contact information of the nominator, the nominee and the three supporting individuals. 2. A 500-word summary of the nominee's activities

demonstrating leadership within the profession and a track record of participation in CIGR activities. 3. The CV or Resume of the nominee. 4. Three letters from individuals supporting the nomination. Only complete nomination packages will be accepted and must be submitted in a single package. Incomplete nomination packages will not be considered, and the nominator will not be informed. Please send the nomination package in electronic format to secretarygeneral@cigr.org.

Fedro S. Zazueta
Secretary General, CIGR

2022 CIGR World Congress in Kyoto: Now face-to-face and online.

The participants will be able to interact during presentations and in breaks both on face-to-face and online.

- The scientific program has more than 10 thematic sessions, and will be all oral presentations, in which online participants are required to submit a lecture video in advance, and the question and answer will be given online with the participation of the speaker.
- Various meetings such as the board of directors, subcommittees, and WGs are held online.
- Corporate exhibitions will be conducted online.
- Technical tour will be delivered with a video. (Details will be announced later.)
- Public seminars will be held face-to-face at the Centennial Hall of Kyoto University.
- The opening ceremony, awards ceremony, and closing ceremony will be held in a hybrid manner.
- Welcome parties, banquets are only for face-to-face participants. If possible, we recommend face-to-face participation.

Registration

CIGR World Congress 2022 now has almost 100 registered participants!

If you have not done so yet, please register [here](#) or visit the web page at <http://cigr2022.org/>.

Online participation fee is 60% of face-to-face participation fee.

Keynote Speakers

During the CIGR World Congress 2022 we are proud to present the keynote speakers.

An overview of the keynote speakers can be found [here](#):

Important Dates

June 1st: Online payment (credit card payment) starts.

August 15th: Deadline registration for presenters and early birds.

We kindly invite you to take part in this congress and request that you announce it to people and societies of interest.

With best regards,

Prof. Noboru Noguchi, Congress General Chair
Prof. Michihisa Iida, Executive Committee Chair

News from ASABE

New Journal Issue

A new issue of Journal of the ASABE is available in the ASABE Online Technical Library.

[View the table of contents](#) with links to the abstract, full-text, and citation. Visit the [Journal of the ASABE](#) home page to learn more.

Annual International Meeting

The [ASABE 2022 Annual International Meeting](#) returns in person this summer, July 17-20 in Houston, TX. There is still time to register so get your registration in today!

Become a Certified Reviewer for ASABE!

Continuing Professional Development Session July 17, 2022, 2:00 to 4:00 pm ASABE Annual International Meeting, Houston Cost: \$0

One of the best ways of improving your ability to write peer-reviewed journal articles is to serve as a reviewer. This CPD will introduce participants to best practices and approaches. Come learn from experienced ASABE community editors and associate editors. Upon completion of the CPD, participants will earn the recognition of ASABE Certified Reviewer. Who should attend? This CPD will target graduate students as well as younger members who are interested in serving as reviewers for the ASABE journals, but the session will be of interest to any ASABE member who desires recognition as an ASABE Certified Reviewer. See our [editors and reviewers page](#) for more information.

Nominations for Editor

[Nominations are open](#) for the Plant, Animal, and Facility Systems (PAFS) Community Editor for journals.

Literature Review Made Easy

Save some time and cite relevant articles from the Society's [journals and conduct a free literature](#)

[review](#). To receive a free list of relevant articles, use this [Google form](#). There is no obligation to incorporate suggested citations into your article. Questions? Please contact Garey Fox. We look forward to helping you publish your research!

Irrigation Management Textbook

The [Irrigation Systems Management](#) textbook has been completed. This open access textbook is available for download along with PowerPoint slides at <https://www.asabe.org/ISM>. The textbook is now available as print-on-demand from Amazon. Instructor Kit (lecture notes, in-class problems, lab/homework assignments with keys, quizzes with keys, exams with keys, and course syllabus) is now available for \$200. Please email us to order this download.

Publish in a Special Collection.

Manuscripts are due by: December 31, 2022 for [Agricultural Conservation Practice Effectiveness II](#). Part two of this collection will expand on the number of agricultural conservation practices (ACPs) covered by part one. These articles will provide a comprehensive review and evaluation of the performance and cost effectiveness of ACPs on nutrient and sediment reduction. See the call-for-papers for more details. It will be published in our peer reviewed Journal of the ASABE.

Recently Published Special Collections.

[National Irrigation Symposium](#)
[Preferential Flow and Piping in Riparian Buffers](#)
[Agricultural Conservation Practice Effectiveness](#)

New web pages

Visit our new web pages, try a referencing utility, or easily share an article.

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Jill Straub, ASABE

From the EurAgEng Newsletter

The **5th SIMA AGRITECHDAY** by AXEMA is organized in partnership with EurAgEng on **November 5, 2022**, the day before the opening of the SIMA SHOW, and will take place in Paris (PULLMAN 3 bis rue de la Haye, 93290 Roissy, France) The Call for Abstracts is till open till 27 May. You can find more information at <https://agritechday.com/>.

AGENG2022. This conference is organised together with the annual Land.Technik event of VDI, called AgEng-Land.Technik 2022, and takes place in Berlin on 22-23 November. You can find more info at <https://www.vdiconference.com/ageng/>.

AIIA conference in Italy - **BIOSYSTEMS ENGINEERING TOWARDS THE GREEN DEAL**

The Italian Society of Agricultural Engineering (AIIA) invites you to attend the 12th AIIA

Conference. AIIA 2022 Conference, building on the experience, proposes a dynamic and innovative approach aimed at increasing cultural and scientific exchanges among different Italian and international researchers with particular regard to those coming from the Mediterranean areas. The Conference will be held at the University of Palermo, Italy, on September 19-22, 2022. The official language will be English. More info can be found at <https://aidic.it/aiia2022/>.

METROLOGY FOR AGRICULTURE AND FORESTRY 2022 IEEE INTERNATIONAL WORKSHOP. This workshop will be held in Perugia, Italy from 3 to 5 of November 2022. More information can be found at <https://www.metroagrifor.org/>

Remigio Berruto
President, CIGR

CSBE-SCGAB Webinars



Stephane Godbout
IRDA
Canada

As all countries, Canada was affected by the Covid pandemic. This pandemic changed the way we live and work. In this context, CSBE found new ways to relate to its members. For this purpose, the society develop a series of technical webinars much appreciated by the members. These are available at (<https://csbe-scgab.ca/events/webinars>) where many interesting subjects are addressed. For the 2022 webinar series, we are hosting a mix student and industry presentations. The webinars are usually

hosted every second week at noon, eastern time (Toronto/Montreal).

CSBE will hold his first post-pandemic in-person meetings. This meeting and AGM will take in place in Prince-Edward Island, Canada (<https://csbe-scgab.ca/charlottetown2022>) under the theme precision agriculture technologies.

Three members joined recently the CSBE board: Annamalai Manickavasagan, Sebastien Fournel and Vankatesh Meda. You can meet these new members here. The CSBE board members are also involving in the organization of the next ISTRO conference in Czech Republic next September (www.istro.cz)

New Web Page: Working group on Rural landscape, structures and infrastructure planning and valorization

I'm pleased to announce the new web page for the Working group on Rural landscape, structures and infrastructure planning and valorization (RESTART) at restart.cigr.org.

The RESART WG focuses on rural landscape analysis, monitoring, planning and design, by means of a transdisciplinary approach, also in relation to climate change, regeneration, ecosystem services, green systems, urban-rural connections, rural metabolism.

The WG is intended as a platform to promote various types of activities, such as:

- Promotion of virtual and real discussions and workshops
- Creation of new research, education, and dissemination opportunities
- Networking

If you are interested in this topic and willing to participate in RESTART please email patrizia.tassinari@unibo.it.

Patrizia Tassinari
Chair

Nigerian Institution of Agricultural Engineers 22nd Int. Conference



Prof. Akindele Folarin Alonge
NIAE National Chairman
CIGR Past President

You are kindly invited to attend the Nigerian Institution of Agricultural Engineers 22nd Int. Conference and 42nd Annual General Meeting (ASABA 2022) that will be conducted on the 24th of

September 2022. The meeting will take place in Asaba, Delta State, Nigeria.

The theme of the conference is Innovative Agricultural Mechanization and Rural Development for Economic Transformation and Food Security. Paper submissions are accepted until July 15, 2022.

For more information see <https://niae.net> or email conference@niae.net.



NIABE Coming Events

Fellowship Induction and Public Lecture July 2022

Fellowship Induction and Public Lecture Nov. 2022

NIAE Annual Conference in South-South (Asaba, Delta) Sept. 20-24, 2022

NIAE Annual Conference in Abuja Sept. 18-21, 2023



Attention! CIGR Journal Scam

Some Authors in the CIGR Journal may have received an email requesting a payment of \$100 to publish their paper and receive a certificate of publication. This is a socially engineered scam. The CIGR Journal does not have publishing fees.

Certificates of publication are awarded at the discretion of the Senior Editor, upon request and under extraordinary situations. If you receive any communication regarding a publication that is requesting payment, simply ignore.

7th International College Students Intelligent Agricultural Equipment Innovation Competition, Jiangsu University, China

The finals of the 7th International College Students Intelligent Agricultural Equipment Innovation Competition was held in Jiangsu University in the 4th and 5th of June, 2022. The final was conducted in the form of experts offline evaluation and contestants online competition, due to the COVID-19. A total of 506 works were submitted by 59 universities from China, and 203 works were selected out from 398 works within the scope of Class A, C and D for the final after evaluation, and there were 108 works belongs to Class B. The elimination match and final competition were held on June 5 successively.



The opening ceremony was held on the morning of 4th June. Academician of Chinese Academy of Engineering Xiwen Luo, Xuegeng Chen, Chunjian Zhao, -General Secretary of International Commission of Agricultural and Biosystems Engineering Fedro S. Zazueta, the President of The Chinese Society of Agricultural Machinery Xiaohu Liu, the Executive vice President of The Chinese Society of Agricultural Engineering Zhu Ming, Deputy General Manager and General Manager of Marketing Company of Jiangsu World Agricultural Machinery Co., LTD., Wenliang Li; The Party committee secretary of Jiangsu University Shouqi Shou, President Xiaohong Yan, Vice President Quan Li, and relevant members of the competition committee, well-known experts and professors in the field of agricultural machinery,

and enterprise representatives attended the opening ceremony.



Xiaohong Yan presided over the opening ceremony.



Shouqi Shou, Chair of Jiangsu University Committee for CPC affairs, on behalf of the Jiangsu university and the organizer, extended a warm welcome to the leaders, guests, judges, teachers and students who participated in the competition. He introduced the development history of the competition and the school-running characteristics of Jiangsu University: "Agriculture is in the midst of industry and agriculture is strengthened by industry". Shouqi Yuan pointed out that the competition aims to cultivate high-quality innovative talents who have a deep understanding and love for agriculture and master the skills of strengthening and rejuvenating agriculture. He hoped that the contestants will uphold the spirit of self-reliance and innovation and strive to provide strong support for the rural revitalization strategy and national development.



Xuegeng Chen, Chunjiang Zhao, Fedro Zazueta, Xiaohu Liu, Zhu Ming, Wenliang Li addressed in the opening ceremony respectively.



Forty-nine universities across the nation participated in the opening ceremony.



Expert reviewers participated online



During the final, 311 creative works entitled “Based on machine vision of foliar fertilizer three-dimensional of target variable spraying robot”, “Citrus fruit picking robot with flexible fetching based on bionic vision”, “Future wisdom - yu - planting symbiotic interstellar agriculture”, “Fruit trees fertilization robots” and so on from 49 universities including China Agricultural university, South China Agricultural university, and Jiangsu university competed.

After expert evaluation, online debate and online competition, the competition has selected 24 top prizes, 50 first prizes, 95 second prizes and 69 excellence prizes.

With the theme of "Innovation-driven rural Revitalization", the competition was co-sponsored by International Commission of Agricultural and Biosystems Engineering, Chinese Society of Agricultural Machinery, Chinese Society of Agricultural Engineering, Jiangsu Province and

Education Ministry Co-sponsored Synergistic Innovation Center of Modern Agricultural Equipment and International University Consortium for Agricultural Engineering, and organized by Jiangsu University.

Hou Banquan
Collaborative Innovation Center

AWARD RECIPIENTS

Category	Team Captain	Award	Team members	University	Student category
A	Tan Yulong	Top Prize	Lu Yiwen,Wang Xianglong	Anhui Agricultural University	Undergraduate
A	Ma Qianglong	Top Prize	Chen Shangkun,Han Huayu,An Dong,Qi Jian	Anhui Agricultural University	Graduate
A	Wu Kunpeng	First Prize	Chen Liang,Zhang Yin, Su Rui	Anhui Agricultural University	Graduate
A	Li Hangqi	First Prize	Liu Fawei,Wang Yurui,Wu Xiaocheng	Dalian Ocean University	Graduate
A	Chen Zijun	First Prize	Bao Ruofei,Yu Huang,Liu Yihao	Henan University of Science and Technology	Graduate
A	Lu Qi	First Prize	Han Minghui,Wang Haoyu,Li Yuanjie	Henan Agricultural University	Graduate
A	Liu Anwen	Top Prize	Dai Xiufeng,Hu Zhengfang, Lei Xiangming,	Hunan Agricultural University	Graduate
A	Liang Lebin	First Prize	Lei Junqiu,Shen Guohao,Liu Jinhui,Xu Yuxuan	South China Agricultural University	Undergraduate
A	Sun Chao	Top Prize	Fan Jian,Yan Bin,Mou Jian, Tu Bin	South China Agricultural University	Graduate
A	Liu Jin	First Prize	Xie Xinze,Xie Ziyin,Pang Zihao,Chen Keyu	South China Agricultural University	Graduate
A	Xie Bowei	First Prize	Xu Shengquan,Yuan Haotian,Wang Haojie,Luo Yukang	South China Agricultural University	Graduate
A	He Xiaolong	First Prize	Cai Jinwei, Wu Benxu,Zhang Zhenjie,,Lin Shitao	South China Agricultural University	Graduate
A	Lu Pengda	First Prize	Li Deyu,Wang Baoqi,Wang Chunyan,Long Teng	Huazhong Agricultural University	Undergraduate
A	Chen Jie	First Prize	He Yiyang,Deng Keqi, Li Junkang	Huazhong Agricultural	Undergraduate

				University	
A	Yao Feihu	First Prize	Tan Benfang,Liu Fengshun,Yue Pengfan	Huazhong Agricultural University	Graduate
A	Fan Yulong	Top Prize	He Tao,Dai Kun,Zhang Jiarong,Wang cheng	Jiangsu University	Undergraduate
A	Fu Zhanglei	Top Prize	Tu Wantong,Dong Yufei,Wang Shijia,Wang Junteng	Jiangsu University	Undergraduate
A	Pan Yulei	First Prize	Du Wentao,Yan Shizhen,Luo Rongjun	Jiangsu University	Undergraduate
A	Ma Haorui	Top Prize	Mo Menghan,Bian Fei,Gao Yansu	Jiangsu University	Graduate
A	Wang Yao	Top Prize	Ren Kun,Su Xiaomei,He Beibei,You Jie	Jiangsu University	Graduate
A	Luo Yusen	Top Prize	Cai Qibin,Liu Peng,Wang Xiang,Shi Yan	Jiangsu University	Graduate
A	Zhu Zhihao	First Prize	Zhang Hengyuan,Li Qi,Li Gen,Li Guoqiang	Jiangsu University	Graduate
A	Luo Ding	First Prize	Fu Yuxuan,Wang Yuefei,Chen Jie,Hu Yingxiang	Jiangsu University	Ph.D Candidate
A	Chen Hong	Top Prize	Li Annan,Xie Xiaohong,Liu Xinqi,Yang Quanhe	Kunming University of Science and Technology	Graduate
A	Wu Yihao	Top Prize	Zhou Huineng,Zhong Yi,Yang Xinrun, Wang Shudi	Nanjing Agricultural University	Undergraduate
A	Wang Yuxuan	First Prize	Xu Huiqun,Li Yang,Wang Danhui, Wu Zibo	Qingdao Technological University	Undergraduate
A	Meng Fanjun	First Prize	Yu Wenjie,Cui Yongqi, Zhongzhen,Liu Li	Shandong University of Technology	Undergraduate
A	Lin Jie	Top Prize	Lin Peiying, Gao Lei,Yang Xiaoqi,An Wenbin,	Shandong University of Technology	Undergraduate
A	Wang Qingyu	First Prize	Yang Chenglei,Bie Xiaoting,Bian Zhihao,Wang Meng	Shandong University of Technology	Graduate
A	Ren Jiayi	First Prize	Lv Danyang	Shandong University of Technology	Graduate
A	Jia Haoran	First Prize	Li Wenbo, Sun Mingyang,Wang Jingbo,Yang Xingyue	Shenyang Agricultural University	Undergraduate
A	Zhang Liuyang	First Prize	Wang Yunuo、Liu Jiaqi、Xiong Yuhao、Yi Xinyuan	Shenyang Agricultural University	Undergraduate
A	Zhang Zheming	First Prize	Wang Xuanlin,Liu Xinzheng,Xu Yang,Yin Yuhao	Shenyang Agricultural University	Undergraduate
A	Wang Qian	First Prize	Liu Xinyue,Jiao Chaofan,Wang Guangyan,Guo Jijie	Shihezi University	Graduate
A	Wang Xingyu	Top Prize	Cong Juyang,Zhang Guangyang,Xu Changsun,Li Zhanbiao	Tarim University	Undergraduate
A	Yang Qiaonan	Top Prize	Shui Limin,Li Jie,Yan Zhe	Tarim University	Graduate

A	Pu Liuru	First Prize	Wang Xiyu,Ning Chengchen	Northwest University of Agriculture and Forestry Science and Technology	Undergraduate
A	Niu Hanlin	Top Prize	Sun Jingbin,Mu Fei,Liu heng,Chu Hongli	Northwest University of Agriculture and Forestry Science and Technology	Graduate
A	Dong Jianxin	First Prize	ChenXuhui,Shen Hao,Liu Yan	Northwest University of Agriculture and Forestry Science and Technology	Graduate
A	Yuan Kaikai	First Prize	Lu Miao,Wan Xiangbei,Yang Yongxia,Wang Haoyu	Northwest University of Agriculture and Forestry Science and Technology	Graduate
A	Wang Qi	First Prize	Wang Xudong,Wu Kehong,Han Jialu,Gong Gu	Northwest University of Agriculture and Forestry Science and Technology	Graduate
A	Wang Peng	First Prize	Li Zhanpeng,Wang Shanwen,Deng Zhicheng	Southwest University	Graduate
A	Gou Yujiang	First Prize	Zhang Mian,Si Tuyongshi,Zhu Xiangwu,Ma Junye	Southwest University	Graduate
A	Xiao Liqiang	First Prize	Xu Yang	Xinjiang Agricultural University	Graduate
A	Li Teng	First Prize	Guo Yi,Wang Yixun	China Agricultural University	Undergraduate
A	Li Jiayi	First Prize	Tan Lu,Zhang Quan	China Agricultural University	Undergraduate
A	Ma Xinchun	Top Prize	Wang Xiuhong,Lin Xin,Jiang Shan,Wei Xuyang	China Agricultural University	Graduate
A	Xu Xinze	First Prize	Wan Lipengcheng,Ma Xiang,Huang Jinqiu,Zhao Hu	China Agricultural University	Graduate
A	Gao Zhanpeng	First Prize	Li Fanglin,Yuan Hao,Zhou Zhizhi	China Agricultural University	Graduate
B	Chen Shuda	First Prize	Li Huihuang,Chen Zhiwei,Qing Jiaxing,He Chengcheng	Fujian Agriculture and Forestry University	Graduate
B	Kang Shenghui	First Prize	Wang Shuo,Yi Yulong,Xie Wenwen,Wang Zufu	Hunan Agricultural University	Undergraduate
B	Liao Tao	First Prize	Luo Zhenbang,Huang Tao,Li Ziping,Liang Lebin	South China Agricultural University	Undergraduate
B	Li Yuantao	First Prize	Liang Kaifu,Wang Chaohai,Zhang Kaibin,Yu Junhao	South China Agricultural University	Undergraduate
B	Qian Yijie	Top Prize	Shi Yanlin,Zhao Pengxiang,Yan Hanfeng,Chen Yiming	Huazhong Agricultural University	Undergraduate
B	Peng Jin	First Prize	Zhang Jiawei,Hao Yupeng,Sun Qi,Liu Shumeng	Huazhong Agricultural	Undergraduate

				University	
B	Wei Jun	First Prize	Jiang Yutao,Zhao Yongze,Li Haiyang,严汉翀	Huazhong Agricultural University	Undergraduate
B	Wang Yongkang	Top Prize	Wang Shangyan,Xu Jialin,Cao Haiyang,You Jie	Jiangsu University	Graduate
B	Gao Yuming	Top Prize	Zheng Jingzhou,Xue Jiangbo,Yang Penghui,Liao Hanfu	Jiangsu University	Undergraduate
B	Miao Jiacheng	Top Prize	Xie Yi,Ang Yuanxuan, Liu Jiang,Cheng Han	Jiangsu University	Undergraduate
B	Gu Yujun	Top Prize	Guo Heng,Yang Bo,Zhou Zhendong,Liu Banfu	Jiangsu University	Undergraduate
B	Yang Shaowen	First Prize	Xu Sicong,Liao Jianqiao,Li Su,Zhou Duanwencheng	Jiangsu University	Undergraduate
B	Zhen Junquan	First Prize	Peng Defeng,Xu Mingji,Chen Yao,Wang Cheng	Jiangsu University	Undergraduate
B	Li Zhiyan	First Prize	Fan Chengbo,Liu Xi,Zhang Ziyue,Ding Jing	Jiangsu University	Undergraduate
B	Shang Zhijian	First Prize	Zhang Miao,Xiong Hongjiang,Nie Zhenyu,Chen Yunfei	Jiangsu University	Graduate
B	Liang Haicheng	Top Prize	Yao Zhenquan,Qian Zhongyang,Luo Yingyin,Chen Jionglin	Zhongkai University of Agriculture and Engineering	Undergraduate
B	Chen Minghao	First Prize	Hong Jialong,Liu Siyang,Xie Zhongquan,Huang Junlin	Zhongkai University of Agriculture and Engineering	Undergraduate
D	Yu Zhenzhen	Top Prize	Li Wenyue,Dong Qichang,Zhang Haocheng,Ma Guoqing	Heilongjiang Bayi Agricultural University	Ph.D Candidate
D	Zhang Jingkun	First Prize	Yuanshuo, Shen Siyu, Zeng Ronghao, Zheng Hao	Kunming University of Science and Technology	Graduate
D	Zhao Zexing	First Prize	Wang Tianchi,Chen Wanhe	Northwest University of Agriculture and Forestry Science and Technology	Undergraduate
D	Li Weiyl	First Prize	Dai Lushuang	China Agricultural University	Undergraduate

Job Postings

CIGR will publish postings directed to the international community at no charge. If you are interested in advertising a position, please send a

half page job description and contact information to secretarygeneral@cigr.org.

Professor Mechanical Engineering in agro-food automation and robotics, University of Leuven

KU Leuven has a full-time academic vacancy (in the senior academic staff) in mechanical engineering at its campus in Geel. We are looking for internationally oriented candidates with an excellent interdisciplinary research record, with educational competencies within the field of mechanical engineering including automation and project-based learning, and strongly focussed on applied research in collaboration with industry. The appointment will be made within the Department of Mechanical Engineering and the Faculty of Engineering Technology of the Science, Engineering and Technology Group of KU Leuven. Responsibilities include teaching, research, and service.

For more information on the contents of the job, please contact: • Prof. Dr. ir. David Moens, vice-chair of the Department of Mechanical Engineering (david.moens@kuleuven.be, +32-16-372879) • Prof. Dr. ir. Paul Leroux, campus chair of Campus Geel (paul.leroux@kuleuven.be, +32-14-721306)

You can apply for this job no later than July 12, 2022, via the online application tool: <http://www.kuleuven.be/eapplyingforjobs/60096135>

Add to your application following documents (more information is available on the KU Leuven job site):

- your bio sketch in which you indicate your added value as an academic for research, education, and service to society of your past career and of your future activities (maximum 2 pages).
- a file on your five most important publications or realizations.
- an extensive cv including a full publication list and if applicable a portfolio of your important projects.

- your research plan with focus on the development of your research line and research team in relation with the colleague-researchers of the entity of employment (maximum 4 pages).

- your vision on academic education and its organization (maximum 2 pages).

- your contribution to service activities (internal representation through membership in councils and administrative bodies, contributions to society from education and research, outreach and science communication) (maximum 1 page).

- your vision on leadership (maximum 1 page).

Profile: A PhD in Engineering Technology or in Engineering Science or a related degree; experience in the field of automation and/or mechanical engineering and robotics (e.g. through the subject of your doctoral thesis, research projects and publications); a strong research track record in the discipline and/or relevant industrial experience. International experience and industrial experience are important assets; a vision on research and the possible synergies with ongoing research on the campus in Geel and within the Departments of Mechanical Engineering and Biosystems; a vision on providing high quality academic education in your field. Teaching experience is a plus; possess organisational skills, have a cooperative attitude and possess leadership competency in a university or industry context.

Proficiency in English is required. The official language used at KU Leuven is Dutch. If you do not speak Dutch (or do not speak it well) at the start of employment, KU Leuven will provide language training to enable you to take part in meetings. Before teaching courses in Dutch or English, you will be given the opportunity to learn Dutch, respectively English, to the required standard

Upcoming Conferences

	<p>30th MEDITERRANEAN CONFERENCE ON CONTROL AND AUTOMATION https://www.med-control.org/med2022/ JUNE 28 - July 1, 2022 DIVANI APOLLON PALACE & THALASSO VOULIAGMENI, GREECE, GR-16671</p>	
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ASABE 2022 Annual International Meeting, 17-20 July, 2022, Houston, Texas, USA
7/17/2022 - 7/20/2022 **Marriott Marquis Houston, Texas**



Register

The 2022 Annual International Meeting (AIM) returns to in-person in Houston, Texas, 17-20 July. [Register](#) now through 2 May for early bird discounts. Go to the [AIM website](#) for current information including hotel, technical session listings, program, and more.

Other ASABE Events can be found at <https://asabe.org/Events/Calendar>

CSBE/SCGAB's AGM and Technical Conference 24-27 July, 2022, Charlottetown, Prince Edward Island

Agricultural Sustainability and Food Security through Precision Agriculture Technologies

July 24-27, 2022 – Charlottetown, Prince Edward Island

Dear Colleagues:

We are pleased to invite you to attend the Annual International Technical Conference and General Meeting of the Canadian Society for Bioengineering (CSBE). This conference will be held on July 24 – 27th, 2022 at the Delta Hotel in Charlottetown, Prince Edward Island.

More than 150 engineering, technology and science professionals will share their innovations and expertise on issues that span the sustainable

food production and supply chain management. The theme of the conference is “Agricultural Sustainability and Food Security through Precision Agriculture Technologies”. The conference will include technical tours, student poster competition, workshops, keynote speakers, and technical sessions. CSBE members, delegates and national/international participants will update their understanding of how to produce food, fiber, timber, and renewable energy sources, while

achieving the highest levels of efficiency and environmental sustainability.

Please visit the conference website at: <https://csbe-scgab.ca/charlottetown2022> to submit your abstracts.

Please feel free to contact us if you have any questions. We look forward to seeing you in beautiful Charlottetown, Prince Edward Island.

Sincerely,



Aitazaz A. Farooque, PhD, P.Eng.
Conference Co-Chair
Associate Professor & Industry Research Chair
Faculty of Sustainable Design Engineering
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CSBE/SCGAB (Canadian Society for Bioengineering/La Société Canadienne de Génie Agroalimentaire et de Bioingénierie) is the technical **Society of choice for all professionals and students** with an interest in the application of scientific and engineering principles for the **sustainable production of food, bioproducts, and bioenergy**.

VII International Scientific Conference on Conserving Soil and Water, 24-27 August, 2022, Borovets Bulgaria



VII INTERNATIONAL SCIENTIFIC CONFERENCE CONSERVING SOILS AND WATER

For information contact office@conserving-soils.eu or visit the web page at www.concerving-soils.eu

11th International Drainage Symposium, 10 August-2 September, Des Moines Iowa, USA



We invite your participation and presentations for the 11th International Drainage Symposium, August 30 - September 2, 2022 at Marriott Des Moines Downtown in Des Moines, Iowa.

Presenting at the International Drainage Symposium is an opportunity to share your work with drainage researchers, professionals, and practitioners from around the world. The Symposium will include both oral presentations and poster sessions. The deadline to submit is March 15, 2022. Visit the [Soil and Water Conservation Society](http://www.swcs.org/22IDS) for all the details.

Sustainable Production Agrosystems With Water Scarcity (SUPWAS), 5-7 September, Albacete, Spain

The Conference aims to be a forum for meeting and reflection between farmers, technicians and researchers, within the process of demonstration and transfer of research results to the productive sector under the scenario of decreasing water availability and increasing energy costs. Thus, contributing to the social, economic, and environmental sustainability of water and energy use in agroecosystems located in arid and semi-arid areas to cope with climate change.

The Conference will be held face-to-face and online at the same time, on September 5, 6 and 7, 2022 in Albacete, in English and Spanish.

Simultaneous translation will be used to achieve a higher level of participation in the dissemination and transfer of research results.

For more information go to: [CREA - Centro Regional de Estudios del Agua \(uclm.es\)](http://crea.uclm.es)



HAICTA 2022: 10th Int. Conference on Information and Communication Technologies in Agriculture, Food & Environment, 22-25 Sept., Athens, Greece

September 22-25, 2022 | Crowne Plaza Hotel | Athens | Greece

<https://2022.haicta.gr>

GENERAL INFORMATION

The conference is organized by the Hellenic Association on Information and Communication Technologies in Agriculture, Food & Environment (HAICTA). HAICTA is the Greek branch of the European Federation for Information Technology in Agriculture (EFITA). Until now, HAICTA has organized a series of nine successful conferences.

HAICTA 2022 aims to bring together professionals, experts and researchers working on Agriculture, Food and Environment, emphasizing on the applicability of ICT solutions and innovations to real industry cases and the respective challenges.

2022 marks the 20th Anniversary of HAICTA Conferences, since the very first of the series was held in 2002 in Athens, Greece. After organizing the following HAICTA Conferences in 8 different cities around Greece during these years, we decided to return HAICTA 2022 back to its roots, in Athens, celebrating 20 years of successful International Conferences on Information and Communication Technologies in Agriculture, Food & Environment.

HYBRID MODEL

HAICTA 2022 will be the 2nd Conference in the series to offer in-person attendance, remote participation, and live streaming for those who won't be able to attend, giving the chance for an even wider audience. Authors will have the option to either present in-person at the Conference or remotely through teleconferencing.

TOPICS

Submissions in all areas of Agriculture, Food and Environment are accepted, including but not limited to:

ICT Applications

- Database Systems and Data Mining / Data Recording Systems
- Decision Support Systems
- e-Business, e-Commerce, e-Sales, e-Marketing and e-Services
- Information Systems and Web Applications / Digital Farming
- Internet of Things, Sensor, RFID and Mobile/Wireless Network Applications
- Precision Technologies: Crop and Livestock Production; Farm and Animal Health Monitoring

Farm Management / Rural Development

- Alternative Tourism and Promotion of Rural Areas
- e-Networking, Collective Actions and e-Governance in Rural Areas
- Farm Education, Training & Advisory, e-Learning, Interactive and Web-based Systems
- Innovation in Farms and Rural Area
- Sustainability and Resilience of Rural Areas and Agri-food Systems

Crop and Livestock Production

- Agro-ecology
- Crop and Livestock Breeding / Local Varieties, Breeds and Landraces
- Epidemics Modeling, Animal Health Monitoring
- Fisheries, Aquaculture and Blue Growth
- Genomics and Biotechnologies in Farming, Livestock Production and Forestry
- Sustainable Crop and Livestock Production

Agri-food Systems – Circular Economy

- Alternative Protein Sources

- Food Waste
- Innovations in Food Hygiene and High-Quality Food
- Innovative uses of Agricultural By-products and Waste Management
- Novel Agri-food Systems
- Quality Assurance, Authenticity and Traceability of Food Products
- Supply Chain Management & Logistics / Local Products and Short Value Chains

Environment / Climate Change

- Climate Change Modeling / Climate Vulnerability, Adaptation and Mitigation
- Environmental Design and Policy
- Regulation of GHG Emissions
- Spatial Analysis, Landscape Planning & GIS-based Analysis
- Sustainable Forestry, Wood Technology and Wood Products
- Sustainable Management of Natural Resources / Ecosystem Services
- Wildfire Risk Assessment and Prevention / Wildlife Management & Protection

Water Resources

- Irrigation Technologies and Water Resources Monitoring
- Sustainable Water Management
- Water Purification, Desalination and Re-use Technologies

TYPES OF SUBMISSION

Abstract	400-600 words
Short Paper	max 2000 words
Doctoral Consortium Paper	max 2000 words
Industry Paper	max 2000 words

All types of submission can be presented either orally (in-person or remotely) or as an e-poster. All accepted submissions will be published in [CEUR Workshop Proceedings](#), which is an **open-access** publication service, indexed in **SCOPUS**. Selected submissions will be invited after the Conference to be submitted as full papers in Special Issues in specific journals.

All submissions will be reviewed through a fully digital peer review process by at least two referees. Submissions will be handled by an Online Submission System that has been set-up for HAICTA 2022. You can find more information on how to submit your paper by visiting:

<https://2022.haicta.gr/author-instructions.html>

IMPORTANT DATES

March 28, 2022	Submissions due (for all types of submission)
May 16, 2022	Notification of Acceptance for all submissions
June 20, 2022	Camera Ready Presentation Submission
September 22-25, 2022	Conference in Athens, Greece

CONFERENCE SECRETARIAT

For any further information you can contact the Conference Secretariat or the Program Chairs directly by visiting: <https://2022.haicta.gr/contact-us.html>.

2nd International Conference on Research of Agricultural and Food Technologies (I CRAFT2022) 06-07 October 2022, Adana, Turkey

We are very pleased to announce the 2nd International Conference on Research of Agricultural and Food Technologies (I CRAFT2022) which will be held on 06-07 October 2022 at the Sheraton Hotel in Adana, Turkey. The aim of this conference is to discuss and engage in some common interest on current knowledge and results in any field of agriculture and food technologies. At the same time, this conference provides an opportunity for academic researchers and developers to discuss various aspects of these areas with other stakeholders. In this context, we are honored to see all researchers in the field of agriculture and food sciences. The conference meets

all criteria for the new academic premium. All accepted abstracts and full-text papers will be published in the conference proceedings and the Cukurova Journal of Agriculture and Food Science (The official language of this conference is English. Participants should submit and prepare their abstracts, and full papers, posters, and oral presentations in English). All the information you need will be found in the attached file. To pick up news from us please use our websites, e-mail, and phone is given below.
Website: www.icraft-conference.com
E-mail: info@icraft-conference.com
Mobile Phone: +90 537 492 1906

Sustainable Energy for Sustainable Future. 24-26 October, 2022, San José, Costa Rica.



An ASABE Global Initiative Conference

Sustainable Energy for a Sustainable Future

October 24-26, 2022 • San Jose, Costa Rica



Join us 24-26 October, 2022 for the 3rd conference in the ASABE Global Initiative Series, Sustainable Energy for a Sustainable Future. Submit your abstract now through April 15 to share your research and views about our global energy concerns. The submission portal and program details can be found at the [conference website](http://conference.website).

Program Highlights:

- Novel renewable energy production technologies
- Distributed renewable energy production systems and their economic feasibility security and food security linkages
- Regional energy solutions and their impacts on global climate change
- Regulation and policy for regional and global energy security



European agriculture, both crop and animal production, currently faces major challenges such as the need to protect biodiversity, increasing bans or limitations on the use of pesticides, soil quality degradation, the impact of the COVID-19 pandemic, and the overarching challenge of climate change. To overcome these challenges, scientific and industrial research, and development in agricultural and biosystems engineering, across all areas of agriculture and nutrition, must work together to offer strategic pathways and technological solutions.

The AgEng-LAND.technik 2022 conference, part of both the EurAgEng AgEng and the VDI LAND.technik conference series brings together

these competencies and expertise to provide an arena to connect and drive forward the needed solutions to these global challenges.

The main topics are:

- * Animal Production Technologies
- * Circular Biobased Economy / Sustainable Energy/ Waste Management
- * Farm Buildings
- * Land, Soil and Water Engineering
- * Plant Production Technologies
- * Post-Harvest Technologies
- * on Agriculture / Digitalization
- * Tractors / Power Trains / Electrical Drives

More information at: [LAND.technik AgEng - Intern. Conference on Agricultural Engineering | VDI Wissensforum \(vidiconference.com\)](https://www.vdi-conference.com/)

REGISTER HERE: [Order | VDI Wissensforum \(vidiconference.com\)](https://www.vdi-conference.com/)



<http://cigr2022.org/>

The theme of this CIGR World Congress "Sustainable Agricultural Production - Water, Land, Energy and Food" will underpin the need for collaboration and cooperation of individuals from a wide range of professional backgrounds. This congress will provide an excellent international platform for academicians, researchers, engineers, industrial participants, and students from around the world to share their research findings with global experts in all areas related to agricultural engineering.

Kyoto has flourished as the capital of Japan for over

a millennium, since 794. The city has an abundance of historically significant and unique locations, and has preserved its refined culture, historical sites, and innumerable Shinto shrines and Buddhist temples, continuing to fascinate visitors from all over the world.

We hope you will enjoy the content of the Congress, renew old friendships, make new friends, get new ideas, and above all, have a good time, as well as enjoy the city famous for its cultural traditions.