ISPA Newsletter 12(4): 16th ICPA Upcoming Deadlines, Canadian CR Update, Call for PATH Applicants, Upcoming Events, Jobs, and more

Apr 30, 2024



16th ICPA Sponsorship

Thank you to the University of Nebraska-Lincoln for sponsoring the 16th International Conference on Precision Agriculture

The University of Nebraska is the named sponsor of the Outstanding Graduate Student Awards and will be at booths #19 and #48. Be sure to stop by during the conference!



The University of Nebraska–Lincoln was chartered as a land-grant university on February 15, 1869, to create opportunity for the state of Nebraska. A proud member of the Big Ten Conference, the Big Ten Academic Alliance, and the Association of Public and Land-grant Universities (APLU), Nebraska is classified within the Carnegie "R1: Doctoral Universities – Highest Research Activity" category. The university is accredited by the Higher Learning Commission.

Learn more about Sponsorship Opportunities and the 16th ICPA Sponsors.

Upcoming Deadlines



Preorder your ISPA polo as an add on item with your 16th ICPA registration. Polos will be avaiable for pick up at the 16th ICPA registration desk during the conference.
To add a polo to your existing registration, please email info@ispag.org.



Register for the 16th International Conference on Precision Agriculture by 3 July 2024 to receive the early bird discount. After 3 July registration prices will increase by $100 at all levels.



Please complete your wire transfer payments for the 16th ICPA by 3 July 2024. Registrants who have not completed their transfer by the deadline will be removed from the list of registrants.
If you have any questions, please email info@ispag.org.

The Future of Farming: Precision Agriculture Takes Root in Canada

Asim Biswas, Professor and OAC Research Chair in Soils and Precision Agriculture, University of Guelph; Country Representative (Canada) of ISPA

In the vast, diverse landscapes of Canada, a revolution is quietly unfolding, promising to transform the future of farming. Precision agriculture, a term that might sound futuristic to some, is increasingly becoming a present reality, reshaping how crops are grown across the country. This innovative approach to farming leverages technology to make agriculture more efficient, sustainable, and productive. It's about using data and advanced technologies to make informed decisions, optimizing every aspect of farm management from soil health to water usage. At the heart of this agricultural evolution are the scientists, researchers, and professors whose work is pivotal in driving forward the advancements in precision agriculture. Their efforts are supported by a robust network of institutions, including universities, government research organizations, and innovation hubs. Together, they're weaving a new narrative for Canadian agriculture, one that promises to address some of the most pressing challenges of our time, including food security, environmental sustainability, and climate change.

Read the full article here.

Call for Scholarship Application for PhDs and MSc Positions in the

Framework of the Intra Africa PATH Project

Climate change is one of the main problems affecting food and nutrition globally, particularly in sub-Saharan Africa. Adapting to and mitigating climate change in the agri-food sector requires merging information technologies, genetic innovations, and sustainable farming practices to empower the agricultural youth sector to create effective and locally adapted solutions. Precision Agriculture applied to crops (PAAC), has been advocated as a strategic solution to mitigate/adapt agriculture at a smallholder and global scales to climate change effects and enhance the digital skills of the younger generations, whilst increasing their interest in agriculture. PATH project, funded by the Intra- Africa Program of the Education, Audiovisual and Culture Executive Agency (EACEA) of the European Commission, is an initiative of four highly qualified public universities from three African regions and one university in Europe to advance knowledge in precision/digital agriculture. The Project is coordinated by the University of Abomey-Calavi (UAC), Republic of Benin. Partner universities include the University of Cape Coast in Ghana (West Africa), the University of Rwanda (Eastern Africa), the University of Eswatini (Southern Africa) and Institut Agro Montpellier in France (Technical partner). The University of UM6P in Morocco is also member of the consortium as associate partner.



[Download the Nomination Form]

Overview of the 10th Asian-Australasian Conference on Precision Agriculture







The 10th Asian-Australasian Conference on Precision Agriculture (ACPA10) was organized by the Faculty of Agriculture, Universiti Putra Malaysia (UPM) on October 24-26, 2023 at Everly Putrajaya. ACPA10 was officiated by the Honourable Vice Chancellor of UPM, Dato' Professor Dr. Ahmad Farhan Mohd. Sadullah.

The technical sessions of ACPA10 comprised invited and voluntary oral presentations, voluntary poster presentations, exhibition by sponsors and field visit to Sime Darby Plantation Academy, Carey Island. ACPA10 had 158 participants from 11 countries. The three day event included 53 technical papers.

Major takeaways from ACPA10:

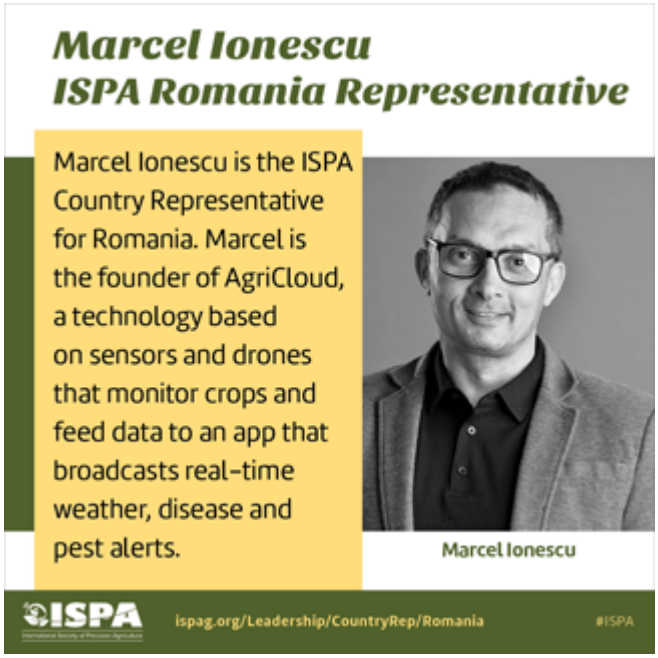
• The merging of cutting-edge technologies like robotics, AI, and remote sensing with traditional agricultural methods. This integration aims to improve the efficiency, accuracy, and sustainability of agricultural processes, including machinery operations, crop monitoring, and disease management.

• A major focus was on the use of big data, predictive analytics, and machine learning to support decision-making and optimize agricultural outputs. These tools help in making informed decisions, leading to improved productivity and efficiency.

• Strong emphasis on sustainable agricultural practices and environmental monitoring toensure long-term ecosystem health. Additionally, addressing the practical challenges of implementing these advanced technologies in real-world settings, such as user-friendliness and adaptation to environmental complexities, was recognized as crucial for success.

• Issues such as data security and propriety/ownership require further deliberations.

ISPA Country Representative - Marcel Ionescu



Country Representatives serve to help promote ISPA by championing the ISPA mission and purpose globally, in particular, in the country they represent. ISPA is growing internationally so Country Representatives remain an important position to help ISPA best serve people, groups, governments and others, globally connecting them to science and experts.

Please join us in thanking ISPA Country Representative from Romania, Marcel Ionescu.

If you are interested in becoming a Country Representative, please email info@ispag.org with your bio highlighting your experience in precision agriculture and your CV. ISPA requires that all Country Representatives are current members of the society. To become a member, please complete the membership form.

VIEW COUNTRY REPRESENTATIVES

ISPA Economics Community - Call for Nominations

We are very much looking forward to the 2024 ICPA (16th) and encourage ISPA members to attend the conference and become part of the ISPA Economics Community. During the ICPA 2024 Economics Community meeting Marius Michels, the incumbent Deputy Economics Community Leader, will take over from Karl Behrendt.

Call for Nominations – Deputy Economics Community Leader
The ISPA Economics Community is now calling for nominations to take up the position of Deputy Economics Community Leader. The role would begin post-ICPA with the successful nominee becoming the Economics Community Leader from the 17th ICPA for a period of 2 years.

If you would like to nominate yourself or a colleague, please email Karl Behrendt, ISPA Economics Community Leader (kbehrendt@harper-adams.ac.uk) or Marius Michels, ISPA Economics Community Deputy Leader (marius.michels@agr.uni-goettingen.de) a short bio for consideration by the broader economics community. **Nominations should be sent by 31st May 2024.**

16th International Conference on Precision Agriculture



Travel

Whether you are arriving at Manhattan Regional Airport or Kansas City International Airport, make your way to Manhattan, Kansas USA this July for the 16th ICPA.
Learn more about Hotel and Travel Information here.

Sponsorships

The 16th ICPA is a great opportunity for you and your company to gain exposure and grow your influence in the global precision agriculture market.
Please visit our website to learn more about our sponsorship packages.

Registration

Register today for the 16th ICPA! The conference offers Full Conference, Student Registration, and One-Day Registration rates.
See the full list of registration rate options and conference add-ons including workshops and post-conference tour here.

Upcoming Events

25-27 FEB 2025
GIS & Drone Applications in Agriculture Conference

29 JUN - 3 JUL 2025
15th European Conference on Precision Agriculture
Barcelona, Spain
ecpa2025.upc.edu/

22-31 AUG 2025
XXXII ISSCT Centennial Congress
Cali, Colombia
issctcennial.com/

14-16 OCT 2025
11th Asian-Australasian Conference on Precision Agriculture
Chiayi, Taiwan
ispag.org/Events/ACPA

2-4 FEB 2026
International Crop Modeling Symposium (iCROPM2026)
Florence, Italy

Week of 13 JUL 2026
17th International Conference on Precision Agriculture and the 11th Brazilian Congress on Precision Agriculture
Porto Alegre, Brazil
ispag.org/icpa

See the ISPA website for a complete list of events.

Do you have an event that would be of interest to our members? Send us an email to let us know.

Jobs Listing

- Postdoc in Digital Agronomy for Climate Resilient Perennial Agriculture
- Tenure Track Assistant Professor in soil spectroscopy at Department of Agroecology, Aarhus University
- Assistant or Associate Professor of Extension Soil Management - University of Kentucky - Department of Plant and Soil Sciences
- Precision Agriculture Technologies Extension Specialist - University of Tennessee - Biosystems Engineering and Soil Science
- Assistant Professor (Extension) - Mississippi State University - The Department of Agricultural & Biological Engineering
- University of Georgia - Assistant Professor - Extension Specialist Precision Agriculture Systems

Do you have a job you would like to post to the ISPA website? Please send your job announcement, a short description, and cutoff deadline for applications to info@ispag.org

Contribute to the ISPA Newsletter

Do you have a precision ag event, project, or news article that our members would be interested in? Please let us know. We post events, job opportunities, and news from members from around the globe. Email info@ispag.org or use the handy online form to submit your contribution.

Stay Up To Date with ISPA on Social Media!

Be sure to follow ISPA on Twitter and LinkedIn to remain up to date with what the society has to offer. If you're posting about precision agriculture and would like to reach our international community, please add #ispag to your post.

The International Society of Precision Agriculture (ISPA) is a non-profit professional scientific organization.
The mission of ISPA is to advance the science of precision agriculture globally.

Contact newsletter@ispag.org to suggest content for future newsletters or visit www.ispag.org for more about the Society.


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