



ICDAAI 2027

International Conference on Digital Agriculture
and Artificial Intelligence

CALL FOR PAPERS

12–16 April 2027 · Athens, Greece

Agricultural University of Athens · in person & online

ICDAAI brings together researchers, industry, policymakers and students working where Digital Agriculture meets Artificial Intelligence. We invite original contributions in the tracks below and in adjacent topics. Accepted papers will be published by Springer in **Lecture Notes in Networks and Systems** (LNNS).

Important dates

1 October 2026

Submission system opens

Call for Papers released

15 November 2026

**Workshop & special session
proposals**

Notification: 30 November 2026

15 December 2026

Paper & abstract deadline

Firm — no extension planned

1 February 2027

Author notification

Registration opens

1 March 2027

Camera-ready & early-bird deadline

At least one author registered

12–16 April 2027

ICDAAI 2027

Athens · in person & online

All deadlines are 23:59 AoE (Anywhere on Earth).

Research tracks

T01 Artificial Intelligence & Data Analytics

Machine learning, computer vision, predictive analytics and agronomic data science across crops, livestock and the environment.

T02 Generative AI, Foundation Models & LLMs

Foundation and multimodal models for agriculture, knowledge assistants and advisory chatbots, synthetic data generation, retrieval-augmented decision tools, and the reliability of these models in the field.

T03 Precision Agriculture, IoT & Remote Sensing

Site-specific crop and livestock management, variable-rate application and yield prediction, built on field sensor networks, UAV and satellite imagery, edge computing and rural connectivity.

T04 Digital Twins, Simulation & Extended Reality

Digital twins of crops, herds, farms and supply chains; model-based prediction and scenario testing; virtual and augmented reality (VR/AR) for training, field operations and extension.

T05 Blockchain, Traceability & Agri-Food Supply Chains

Provenance and certification, smart contracts and trust infrastructure, logistics and cold chains, short food supply chains, and the quality and authenticity of food products.

T06 Data Spaces, FAIR Data & Interoperability

Agricultural data spaces, standards and ontologies, data governance and sovereignty, and Open Science practice.

T07 Decision Support & Advisory Services

Design and evaluation of decision support systems, farm management information systems, AKIS, and digital advisory and extension.

T08 Agricultural Robotics & Automation

Field and greenhouse robots, autonomous machinery, smart implements and human–robot collaboration.

T09 Climate-Smart & Sustainable Agriculture

Adaptation and mitigation, water and soil management, biodiversity, the agro-ecological transition, circular economy and by-product valorisation.

T10 Digital Education & Skills in Agriculture

Curriculum innovation in agricultural and life-science higher education, e-learning and open educational resources, farmer training and lifelong learning, and researcher career development.

T11 Living Labs & Innovation Ecosystems

Co-creation methodologies, Digital Innovation Hubs, technology transfer, entrepreneurship and technology-adoption studies.

T12 Policy, Ethics & Responsible AI

Trustworthy AI in agriculture, the digital divide and inclusion, regulation, socio-economic impact and CAP-related policy.

How to submit

TYPE	LENGTH	PRESENTATION	IN PROCEEDINGS
Full paper	Up to 8 pages	Oral	Yes
Short paper	Up to 5 pages	Oral or poster	Yes
Extended abstract	1 page / 400–600 words	Oral or poster	Book of Abstracts
Doctoral forum paper	Up to 5 pages	Oral + mentoring	Yes
Industry / demo paper	Up to 4 pages	Demo or poster	Yes
Workshop / special session proposal	Up to 3 pages	Half or full session	Accepted papers only

Page limits include figures, tables, references and appendices, in Springer's proceedings format used for LNNS.

Submission rules

- **Template.** Use Springer's proceedings template, LaTeX or Word — linked from the [submission guidelines](#).
- **Review.** Single-blind; at least two independent reviews per paper, a third when reviewers disagree.
- **Language.** English. One dedicated session is held in Greek.
- **Originality.** Unpublished work, not under review elsewhere. Submissions are checked for plagiarism.
- **Generative AI.** Any use must be disclosed; AI systems cannot be authors. Springer Nature's AI policy applies.
- **Registration.** Each accepted paper needs one registered author who presents it, in person or online.

Workshops & special sessions

We welcome proposals for half-day workshops, hands-on tutorials and thematic special sessions. Proposals of up to 3 pages are due on **15 November 2026**.

Programme

Keynote lectures, paper and poster sessions, a doctoral forum, an industry and innovation session, a Greek-language session, and Best Paper and Best Student Paper awards.

Proceedings

Accepted papers will be published by Springer in **Lecture Notes in Networks and Systems (LNNS)**, available on SpringerLink with a DOI for every paper. LNNS is indexed by Scopus, EI Compendex, INSPEC, WTI Frankfurt, zbMATH and SCImago, and every LNNS book is submitted for consideration in Web of Science. Selected papers will be invited to submit extended versions to journal special issues.

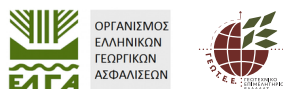
Submission system

Submit through Microsoft CMT at cmt3.research.microsoft.com/ICDAAI2027. A free CMT account is needed.

ORGANISED BY



CO-ORGANISED BY



SUPPORTED BY



IN COLLABORATION WITH



The inaugural edition of ICDAAI is supported by TALLHEDA, which has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101136578. Views and opinions expressed are those of the authors only and do not necessarily reflect those of the European Union or the European Research Executive Agency. Neither the European Union nor the granting authority can be held responsible for them.

icdaai.aidatahub.aua.gr