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2nd INTERNATIONAL SCHOOL ON HUMAN-AI COLLABORATION

IN THE ERA OF AGENTIC AI

AICES 2027

Bilbao, Spain

May 3-6, 2027

https://aices.irdta.eu/2027/

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Co-organized by:

University of Deusto

IRDTA – Institute for Research Development, Training and Advice

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Early registration: December 3, 2026

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SCOPE

The rapid emergence of agentic AI systems capable of planning, reasoning, making decisions and acting with increasing autonomy is transforming the relationship between humans and intelligent machines. Understanding how humans and AI agents can collaborate effectively, safely and responsibly has therefore become a major scientific, technological and societal challenge.

AICES 2027 will address this challenge from a broad interdisciplinary perspective, bringing together leading researchers and experts from academia and industry. The scientific program will examine the societal, cognitive, ethical, economic and governance dimensions of agentic AI, with particular emphasis on human–AI collaboration, trust, human oversight and control, the future of work, regulation and governance, explainability, responsible AI, education, democracy, media ecosystems, economic transformation, and the wider implications of increasingly autonomous AI systems.

The school will feature 13 monographic three-hour courses, 2 keynote lectures, 1 round table and 1 symposium.

Leading academics and industry experts will share their knowledge, research and perspectives with participants. Interaction, discussion and networking will be central elements of the event, while full live online participation will also be available.

ADDRESSED TO

AICES 2027 is intended for graduate students, researchers, academics, industry professionals and policymakers from a wide range of disciplines, including computer science, cognitive science, economics, sociology, philosophy, law, public policy and business. There are no formal academic prerequisites, and researchers and professionals at all career stages are welcome.

The school will provide participants with an opportunity to gain in-depth knowledge of one of the most rapidly evolving areas of AI, interact with experts from different disciplines, establish new collaborations, expand their professional networks, and explore the profound changes that agentic AI may bring to work, institutions and society.

VENUE

AICES 2027 will take place in Bilbao, in northern Spain. Once a major industrial centre, Bilbao has undergone a remarkable urban, cultural and economic transformation over recent decades and is today one of Spain's most dynamic cities.

The venue will be:

University of Deusto

Avenida de las Universidades, 24

48007 Bilbao

https://www.deusto.es/

STRUCTURE

Two/three courses will run in parallel throughout the event. Participants will be free to select the sessions they wish to attend and may move between courses at any time.

In addition to the courses and keynote lectures, the program will include a round table and a symposium devoted to current research and industrial developments.

All lectures will be video recorded and made available to participants for 45 days after the event.

Full live online participation will be possible. Nevertheless, participants are strongly encouraged to attend in person whenever possible, as direct interaction, discussion and networking are essential components of research training events of this kind.

KEYNOTE SPEAKERS

Eszter Hargittai (University of Zurich), Myths vs. Measures: Digital Inequality and AI Skills

Katia Sycara (Carnegie Mellon University), Human-AI Collaboration rather than Substitution

PROFESSORS AND COURSES

Ana Bazzan (University of São Paulo), [introductory/intermediate] Autonomous Agents, Multiagent Systems, Swarm Intelligence and Reinforcement Learning: What Are These and Why They Matter in the Current AI Agenda

Justine Cassell (Inria Paris), [introductory/intermediate] The Role of Social Intelligence in Building Effective Agentic AI Systems

Pierre Dillenbourg (Swiss Federal Institute of Technology Lausanne), [introductory] Productive Noise: The Benefits of Misunderstandings in Collaboration

Steven Drucker (Particle Prismatics LLC), [introductory/intermediate] Attention Is All You Have: Human-Centered AI in the Agentic Era

Peter Flach (University of Bristol), [introductory/intermediate] Classifier Calibration: A Prerequisite for Trustworthy AI

James D. Hollan (University of California San Diego), [intermediate] Challenges and Opportunities for HCI: Generative AI, Negotiated Agency, and Co-Adaptive Systems

Andreas Holzinger (BOKU University Vienna & Graz University of Technology), [introductory/intermediate] Trustworthy Agentic AI: Human-AI Collaboration, Explainability, and Verifiable Autonomy

Jason Hong (Carnegie Mellon University), [introductory/intermediate] Challenges in Human-AI Interaction

Christian Lebiere (Carnegie Mellon University), [intermediate] Metacognition and Theory of Mind in Humans and Machines

Sijia Liu (Michigan State University), [introductory/advanced] From Safe Models to Safe AI Agents: Alignment from Centralized to Distributed Learning

Simon Parsons (University of Lincoln), [introductory] Agents and Agentic AI

Simone Stumpf (University of Glasgow), [introductory/intermediate] Explainable AI (XAI) and Debugging in the Era of Agentic AI

Lyle Ungar (University of Pennsylvania), [introductory] From Tools to Teammates: How AI Changes Human Work and Relationships

SYMPOSIUM

A symposium will give participants, research groups and companies the opportunity to present ongoing research projects, innovative ideas and industrial developments related to the themes of AICES 2027. Presentations will consist of 15-minute oral contributions.

Participants interested in presenting should submit a one-page abstract including the title, authors, and a brief summary to david@irdta.eu.

Submission deadline: April 19, 2027.

ORGANIZING COMMITTEE

Pablo García Bringas (Bilbao, Local Chair)

Carlos Martín-Vide (Tarragona, Program Chair)

Santiago Montes (Tarragona, Webpage)

Sara Morales (Luxembourg, Finances)

David Silva (London, Organization Chair)

REGISTRATION

Registration is available at:

https://aices.irdta.eu/2027/registration/

During registration, participants will be invited to indicate six courses they are particularly interested in attending. This selection is tentative and non-binding and will be used only to estimate demand and facilitate logistical planning.

As the capacity of the venue is limited, registrations will be accepted on a first-come, first-served basis. Registration will close once maximum capacity has been reached. Early registration is therefore strongly recommended.

FEES

Registration fees include access to all school activities and lunches.

Several early-registration deadlines are available, with fees depending on the date of payment.

Fees are the same for on-site and for online participation.

ACCOMMODATION

Accommodation suggestions will be made available in due time at:

https://aices.irdta.eu/2027/accommodation/

CERTIFICATE

Participants will receive a certificate documenting 40 hours of academic activities.

This certificate should be suitable for participants seeking ECTS or equivalent academic recognition from their home institutions.

SPONSORS

Companies, institutions and organizations interested in supporting AICES 2027 are invited to consult the sponsorship opportunities available for the event. The sponsorship leaflet can be downloaded from:

https://aices.irdta.eu/2027/sponsors/

QUESTIONS AND FURTHER INFORMATION

david@irdta.eu

ACKNOWLEDGMENTS

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