

AI4X 2027

Leading AI conference for science and deep-tech applications

AI4X is the leading conference for AI in science and deep-tech applications. Jointly organised by the Institute for Functional Intelligent Materials (I-FIM) at the National University of Singapore and Constructor University, AI4X 2027 opens with a two-day Tutorial Weekend (12-13 June 2027), followed by a four-day conference (14-17 June 2027) on the Constructor University campus in Bremen, Germany.

AT A GLANCE

Event	AI4X 2027 - third edition, first European edition. Conference language: English
Dates	Tutorial Weekend: 12-13 June 2027 Main conference: 14-17 June 2027
Venue	Constructor University, Campus Ring 1, 28759 Bremen, Germany
Organisers	Constructor University and the Institute for Functional Intelligent Materials (I-FIM), National University of Singapore
Conference Chair	Professor Sir Konstantin Novoselov, President of Constructor University; Director of I-FIM, NUS; Nobel Prize in Physics 2010
Participants	800+ expected - students, researchers, industry, government and thought leaders
Speakers	70+ invited speakers, all in person
Programme	21 topics, from physics, chemistry and materials science to medicine, climate, finance and society. Invited and contributed talks, poster sessions, exhibition, awards
Website	ai4x.cc/2027
Social	LinkedIn: ai4xconf Instagram: @ai4xconference Facebook: AI4X #AI4X2027

KEY DATES

20 October 2026	Call for submissions opens - Round 1
1 December 2026	Registration opens
21 February 2027	Call for submissions closes - Round 2
25 May 2027	Preliminary schedule published
12-17 June 2027	Tutorial Weekend and main conference, Bremen

ABOUT THE CONFERENCE

Built on science

AI4X grew out of applying AI to the natural sciences. Leading scientists present new research in a programme curated by experts across disciplines, sharing how they see science with AI and where it goes next.

Open to industry

Pushing AI further in science takes more than research. It needs the companies and decision-makers who put results to work, so AI4X brings them into the same room as the scientists.

Hands-on first

The week opens with two days of workshops on practical, state-of-the-art methods, for students and researchers as well as engineers and R&D teams.

21 TOPICS

AI for Physics	AI for Materials Science	AI for Particle Physics
AI for Chemistry	AI for Math	ML for Algorithmic Advances
AI for Biotech	AI for Medicine and Healthcare	AI for Climate
AI for Earth Science	AI for Space	AI for Autonomous Navigation
Self-Driving Labs	AI for Quantum Technology	AI for Cybersecurity
AI Agents and LLMs for Science	AI for Business	AI for FinTech
AI for EdTech	AI for Society	Unconventional Computing

PAST EDITIONS

AI4X 2025 8-11 July 2025, Singapore	Inaugural edition. Organised by I-FIM (NUS) with the National Research Foundation Singapore and DSO National Laboratories. 500+ participants, 60+ speakers, plus a tutorial day.
AI4X - Accelerate Conference 2026 15-19 June 2026, Singapore	Joint conference of I-FIM (NUS) and the Acceleration Consortium (University of Toronto), in partnership with NRF Singapore, at Raffles City Convention Centre. 800+ participants, 60+ invited speakers.

ABOUT THE ORGANISERS

Constructor University

Constructor University is a private, English-language research university in Bremen, Germany, and part of Constructor Knowledge within the Constructor Group. Founded in 2001, it is one of the most international universities worldwide, with more than 2,000 students from over 120 countries living and studying on its 34-hectare residential campus. In the 2027 Times Higher Education World University Rankings, it rose to the 376-400 band, and it remains the best-ranked private university in Germany. Since February 2026, it has been led by Professor Sir Konstantin Novoselov, Nobel Laureate in Physics 2010. constructor.university

Institute for Functional Intelligent Materials (I-FIM), NUS

The Institute for Functional Intelligent Materials (I-FIM) was established in 2021 at the National University of Singapore (NUS). Funded by \$100 million from Singapore's Ministry of Education (MOE) and \$100 million from NUS, the Institute is home to a team of 18 resident academic investigators and their groups, working towards the goal of creating a library of designer materials - and developing systematic ways to describe them mathematically - as the building blocks of FIMs. Using machine learning and robotics, the FIMs will be designed and synthesised with smart applications in mind. ifim.nus.edu.sg

MEDIA CONTACT

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PRESS AND MEDIA KIT

Logos, brand guidelines and photos from previous editions
ai4x.cc/2027/news/press