

ARTIFICIAL INTELLIGENCE + ARCHITECTURE

Critical Architectural Intelligence: AI and Digitalization in the Present and Future of Architecture, Society, and the Environment

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19, 20 AND 21 MARCH 2024 ONLINE at <https://www.youtube.com/@KTHMediaProduction> #aiarchconference @equbuild

RSVP TO ATTEND ONSITE at <https://www.kth.se/form/65f068384d8fb21f432c4f77> <https://www.arch.kth.se/en>

Complimentary Lunch Onsite. Let's reduce our waste: please bring your reusable cup, bottle, and napkin.

► 19 MARCH

Unveiling the Potential of AI

@ Digital Futures

Osquars backe 5, Stockholm

12.00 Ingrid Campo Ruiz

Architect Postdoctoral Researcher, KTH, Sweden. *Introduction: Architecture and AI. Architecture, AI, social justice.* On site.

12.15 Emil Björnson

Professor of Wireless Communication, Associate Director of Events *Digital Futures*, Sweden. *A brief introduction to the Digital Futures Center.* Online.

12.30 Kutoma Wakunuma

Associate Professor in Information Systems, De Montfort University, UK/Zambia. *AI and the Politics of Power: Implications for Society and Space. Responsible AI, computer ethics, digital technologies for development.* Online.

13.10 Ricardo Vinuesa

Associate Professor in Fluid Mechanics, KTH, Sweden. *The role of artificial intelligence in achieving the Sustainable Development Goals. Machine learning, fluid mechanics, sustainability.* On site.

13.50 Katja Tollmar Grillner

Head of Department, Department of Architecture, KTH, Professor in Critical Studies in Architecture, Sweden. *Introductory Remarks.* On site.

14.00 Pablo Miranda Carranza

Senior Lecturer, Department of Architecture and the Built Environment, LTH, Lund University, Sweden. *HIDECS2: Artificial Intelligence and Architecture, 1962. Technology, representation, and ideology in architecture.* On site.

14.20 Erik Swahn

Architect, Sweden. *Qualities of the undrawn. Architecture, computation and generative processes.* On site.

14.40 David Selander

Lecturer KTH, Sweden. *Uncritical Perspective on AI. Creative appropriation of AI.* On site.

14.50 Panel Discussion

► 20 MARCH

AI for Sustainable Environments

@ A124, KTH School of Architecture

Osquars backe 5, Stockholm

12.30 Andreas Sudmann

Scientific Coordinator Principal Investigator, University of Bonn, Germany. *The Democratization of Artificial Intelligence. A Critique. Critique, politics, machine learning.* Online.

13.00 Peter Lynch

Architect, Research Engineer, KTH, Sweden. *An AI-based method of motion analysis for biological diversity monitoring and landscape design. Biological diversity monitoring, wildlife corridor design, site analysis.* On site.

13.30 Heather Suzanne Woods

Interim Director A.Q. Miller School of Media and Communication, USA. *Living in Digitality: What Future Does the Smart Home Imagine For Us? Emerging Technology, Futurism, Domesticity.* Online.

14.15 Sarah Popelka

Geospatial Developer, Urban AI / Innovate! Inc., USA. *Opportunities of AI for Human-Centered Urban Planning and Design. Public Participation, Urban Design, Artificial Intelligence.* Online.

15.15 Wanyu He

Adjunct Professor at HKU, DDes at HKU, Ms at Berlage Institute, XKool, UAE/USA/Hong Kong. *Revolutionizing Architecture: AI-Driven Performative DFMA. AI, Performative Design, DFMA.* Online.

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digital futures

**KTH Digitalisation Platform
KTH School of Architecture**



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