Tuesday, 21 August

19.00–21.00 Welcome reception, AIAS Hall
Networking, Refreshments & Finger food

Wednesday, 22 August

08.30–09.00 Registration and coffee
09.00–09.15 Welcome by Morten Kyndrup, AIAS and Organizers

Chair: Dorothee Birke

09.15–10.15 Opening keynote:
Patrick Jagoda, Dept. of English & Dept. of Cinema & Media Studies, University of Chicago, USA:
“How Video Games Can Help Us Think Through Networks”

10.15–10.30 Coffee break

Chair: Christian Ulrik Andersen

10.30–11.00 Mads Sloth Vinding (Department of Clinical Medicine, Aarhus University, Denmark):
“Deep learning MRI pulse sequences”

11.00–11.30 Simon Enni (Department of Computer Science, Aarhus University, Denmark):
“The Case for Contestability in Intelligent Computer Systems”

11.30–12.00 Michael Castelle (Centre for Interdisciplinary Methodologies, Warwick University, UK):
“Deep Learning and the Coming Crisis for Social Theory”

12.00–13.00 Lunch break

Chair: Christine Parsons

13.00–13.30 Ansgar Koene (Horizon Digital Economy Research Institute, University of Nottingham, UK):
“Policy and regulatory approaches to AI systems – what role can ethical standards play?”

13.30–14.00 Emanuele Nicoletti Andreoli (School of Communication and Culture, Aarhus University, Denmark):
“POV and machine vision”

14.00–14.30 Sune Lehmann Jørgensen (Department of Applied Mathematics and Computer Science, Technical University of Denmark, Denmark):
“The role of data in making predictions”

14.30–15.00 Coffee break

Chair: Nikolaj T. Zinner

15.00–16.00 Keynote:
Maria Schuld (Quantum Research Group, University of KwaZulu-Natal, Durban, South Africa & Xanadu Quantum Computing Inc, Toronto, Canada):
“Quantum Neural Networks”

16.00–16.30 Christian Grund Sørensen (Department of Communication and Psychology, Aalborg University, Denmark):
“The Cartesian fallacy and the digital will”

16.30–17.00 Janet Rafner (Science at Home, Dept. of Physics and Astronomy, Aarhus University, Denmark)
“The Intuition Game: Hybrid Intelligence in fluid dynamics, quantum physics and other complex research problems.”

17.00–17.45 Break - Walking to ARoS
18.00–19.00 Guided tour of the ARoS Art Museum
19.00–22.00 Conference dinner at ARoS
Thursday, 23 August

09.00 – 10.00  Chair: Asad Jan
Keynote:
José del R. Millán (Swiss Federal Institute of Technology in Lausanne (EPFL), Switzerland):
“Brain-Machine Interfaces: A Tale of Two Learners”

10.00 – 10.30  Kristoffer L. Nielbo (Datakube, Department of History, University of Southern Denmark, Denmark):
“It is just a machine that learns - on the role of computing and task automation in historical research”

10.30 – 10.50  Coffee break

Chair: Michael Voldsgaard Clausen
10.50 – 11.20  Anne Nielsen (Department of Clinical Medicine, Aarhus University, Denmark):
“Are convolutional neural networks able to predict tissue outcome in acute ischemic stroke?”
11.20 – 11.50  Jonathan Roberge and Thomas Crosbie (Institut Nationale de Recherche Scientifique, Canada):
“From Algorithmic Cultures to Machine Learning and Back”
11.50 – 12.20  Anders Munk (TANT lab) and Anders Koed Madsen (Aalborg University Copenhagen, Denmark):
“Reasoning with algorithms: data sprints as experimental situations”

12.20 – 13.30  Lunch break

Chair: Anja Bechmann
13.30 – 14.00  Duda Kvitsiani (DANDRITE - Kvitsiani Group, Aarhus University, Denmark):
“Distributed representations in cortical neural networks”
14.00 – 14.30  Bendert Zevenbergen (Center for Information Technology Policy, Princeton University, USA):
“AI and Ethics Case Studies for Education”

14.30 – 15.00  Closing discussion