Informatics Institute

Our mission is to perform curiosity-driven and use-inspired fundamental research and to train academic talent in diverse areas of informatics.

4 Main research themes
16 Research groups
11 ICAI labs
300 FTE
3 Bachelor programs
7 Master programs
2400 Students

Research themes

Artificial Intelligence
Computational Science
Data Science
Systems & Networking

Impact areas

Health
Urban living
Smart Cities
Finance
Cyber Security
Systems & Networking

Labs
Founder of ICAI (Innovation Center for Artificial Intelligence). Collaboration with public/private partners: AIRLab - Ahold Delhaize; Atlas Lab - TomTom; Delta Lab - Bosch; OVIVA Lab - Qualcomm; AI for Oncology Lab - NKI; Civic AI Lab - The City of Amsterdam & VU; Police Lab AI - The National Police & UU.

Spin-offs
New companies set up by researchers often with students: Scyfer, Euvision, 3DUniversum, Kepler Vision, Ask, Elsegon, AI, Sightcorp, Sensly, Bird.ai.

Projects
In collaboration with other partners: AMbiEX - KPN, Philips, TNO e.o.; AMDef - VU & CWI; Analysis and optimization of Cyber-Physical Systems - ASML, Thales & ESI; Programmability, automaticity and performance of Multiscale Networked Systems - eScience, SURF & QuSoft.

Networks
International: ELLIS, CLAIRE. National: Smart Health Amsterdam, Amsterdam Data Science, AI technology for People.

Partnerships
Wide range of partnerships with companies, governmental bodies, non-profits, NGO’s and other knowledge institutes.