

Centre Universitaire d'Informatique

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**UNIVERSITÉ
DE GENÈVE**

CENTRE UNIVERSITAIRE
D'INFORMATIQUE



Centre Universitaire d'Informatique

Interfaculty Research and Teaching Center

- Mission: interdisciplinary research and teaching in digital science
- 6 Faculties
 - Sciences: Computer Science Department
 - GSEM + SdS: Institute of Information Service Science (ISS)
 - Lettres : Linguistics Unit
 - Medecine: Medical Informatics
 - FPSE: Cognition and Emotion
- Established in 1976 (1st in Switzerland)



**UNIVERSITÉ
DE GENÈVE**

FACULTÉ DES SCIENCES
DE LA SOCIÉTÉ



**UNIVERSITÉ
DE GENÈVE**

FACULTÉ DES SCIENCES



**UNIVERSITÉ
DE GENÈVE**

FACULTÉ DES LETTRES



**UNIVERSITÉ
DE GENÈVE**

FACULTÉ DE MÉDECINE



**UNIVERSITÉ
DE GENÈVE**

GENEVA SCHOOL OF ECONOMICS
AND MANAGEMENT



**UNIVERSITÉ
DE GENÈVE**

FACULTÉ DE PSYCHOLOGIE
ET DES SCIENCES DE L'ÉDUCATION

Teaching@CUI

Teaching programs at CUI

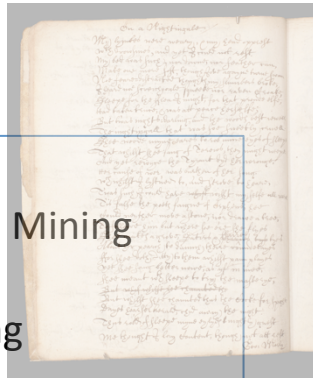
- BSc/MSc/PhD in computer science
- BSc/MSc/PhD in informatics for humanities
- BSc/MSc/PhD in information systems
- Continuous education (10/15 progr.)



Key Competences

Artificial Intelligence

Machine Learning and Data Mining
Knowledge Engineering
Natural Language Processing
Collective intelligence
Multi-agent systems



Modelling and simulation

Complex environmental systems
Complex biological systems
Social interactions and cognitive systems
Software modelling and verification
Service design and methods



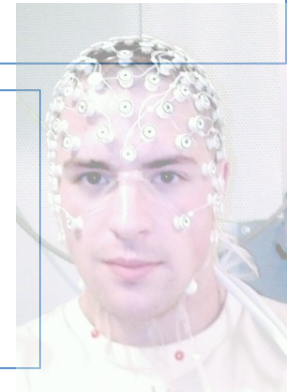
Virtual / Augmented Reality

3D visualisation
Immersive experiences



Theory

Information theory
Service science
Modeling
Data Science



Smart Cities

IoT
Autonomous Vehicles
Smart Services
CivicTech
Citizen Sciences



E-Health and QoL

Analytics, users' behaviour
Services for elderly
Quantified Self
Consciousness / Cognition Emotions
Services for hospital
Telemedicine



Information Security

Trust
Reputation
Cryptography
Privacy
Blockchain



Digital Innovation Hub

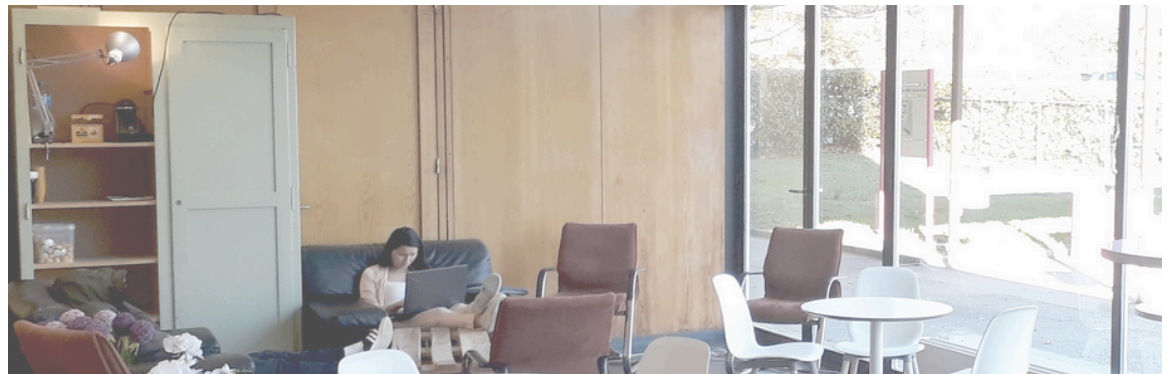
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Missions:

- Support students and researchers towards a commercial exploitation of their digital projects;
- Offer a meeting place and collaboration activities with public and private sector of the Geneva area;
- Develop innovative digital services for the university community

Tools:

- Accelerator of digital science and services
- FacLab
- Entrepreneurship clinic
- Digital forge



Key Numbers

16 Professors, 6 MER, 150 researchers
35/40 research projects (EU, AAL, SNF, CTI, COST)
180 publications / year
10 Phd thesis/ an
80 phd students
150 (CS) 100 (IS) 50 (Humanities) Students
7.3MCHF/year (Faculties/Unige budget)
5.0MCHF/year (external funding for 80% of researchers)
Teaching: 3BSc, 3MSc, 3PhD, 10/15 Continuous Education
Collaborations: Industry, Academia, International Organisations

