

UNIVERSITY OF TWENTE.

MODULE 6 2021 - 2022
TECHNICAL COMPUTER SCIENCE (TCS) /
BUSINESS & IT (BIT)

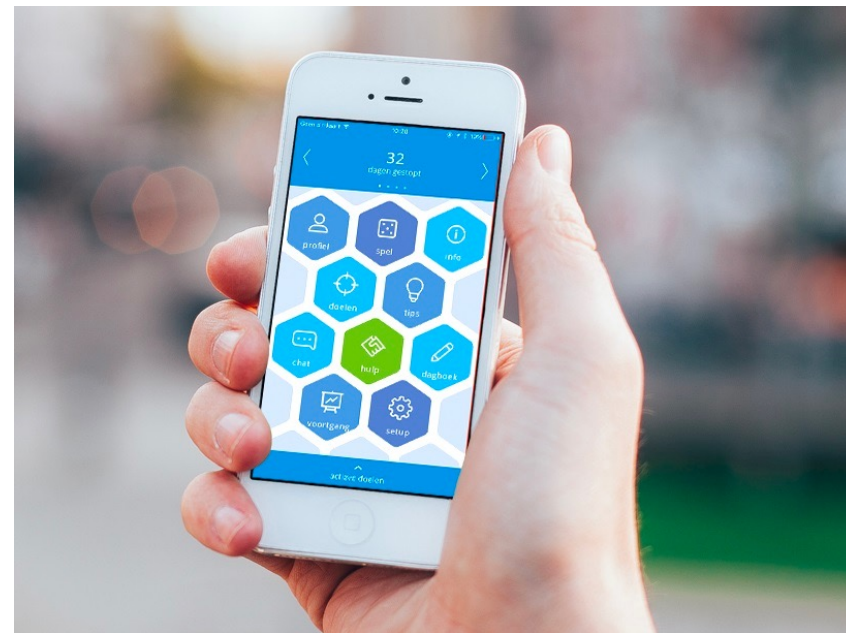
RANDY KLAASSEN (MODULE COORDINATOR)

JUR VAN GEEL (ASSISTANT MODULE COORDINATOR)

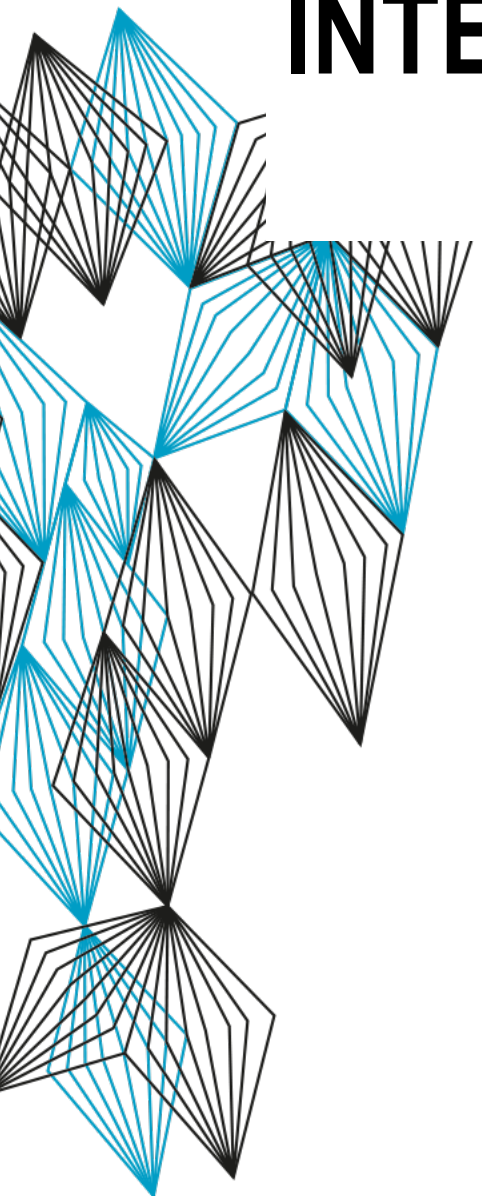
INTELLIGENT INTERACTION DESIGN



THE MODULE IS FAMOUS OF ...



INTELLIGENT INTERACTION DESIGN



**Digital-Physical
Technological
Application and Spaces**



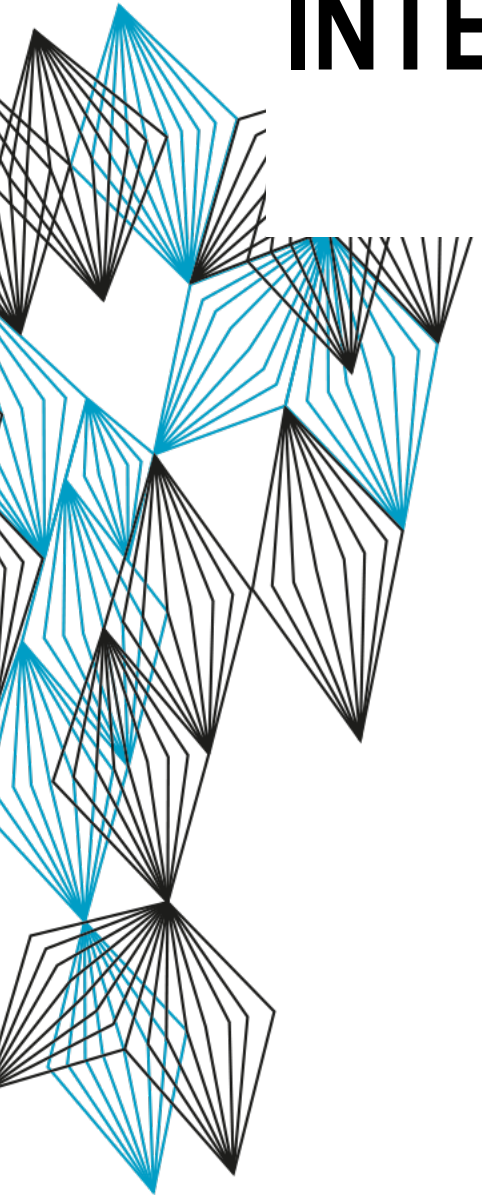
That Interact



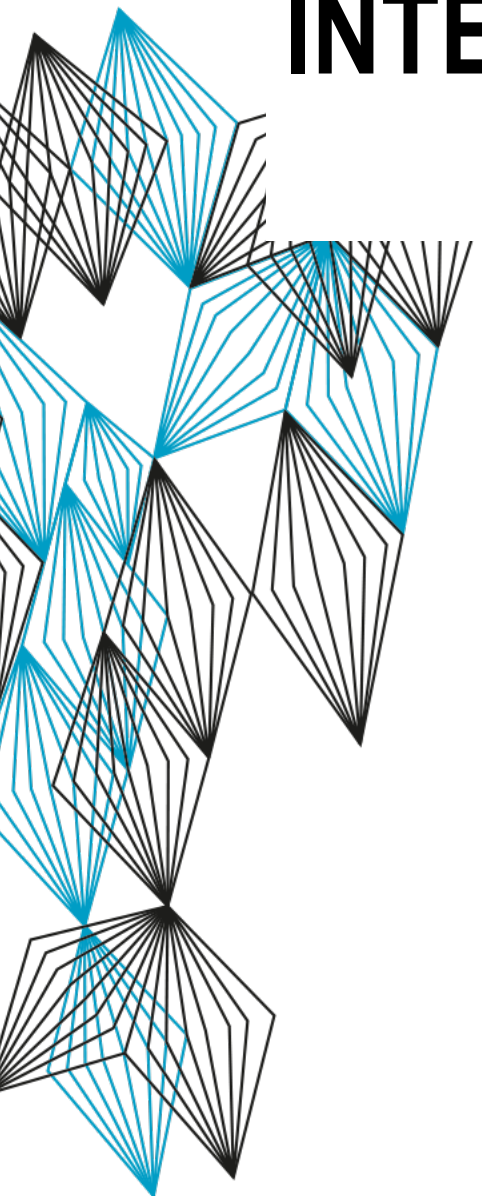
For a Purpose



INTELLIGENT INTERACTION DESIGN



INTELLIGENT INTERACTION DESIGN



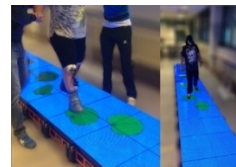
**Digital-Physical
Technological
Application and Spaces**



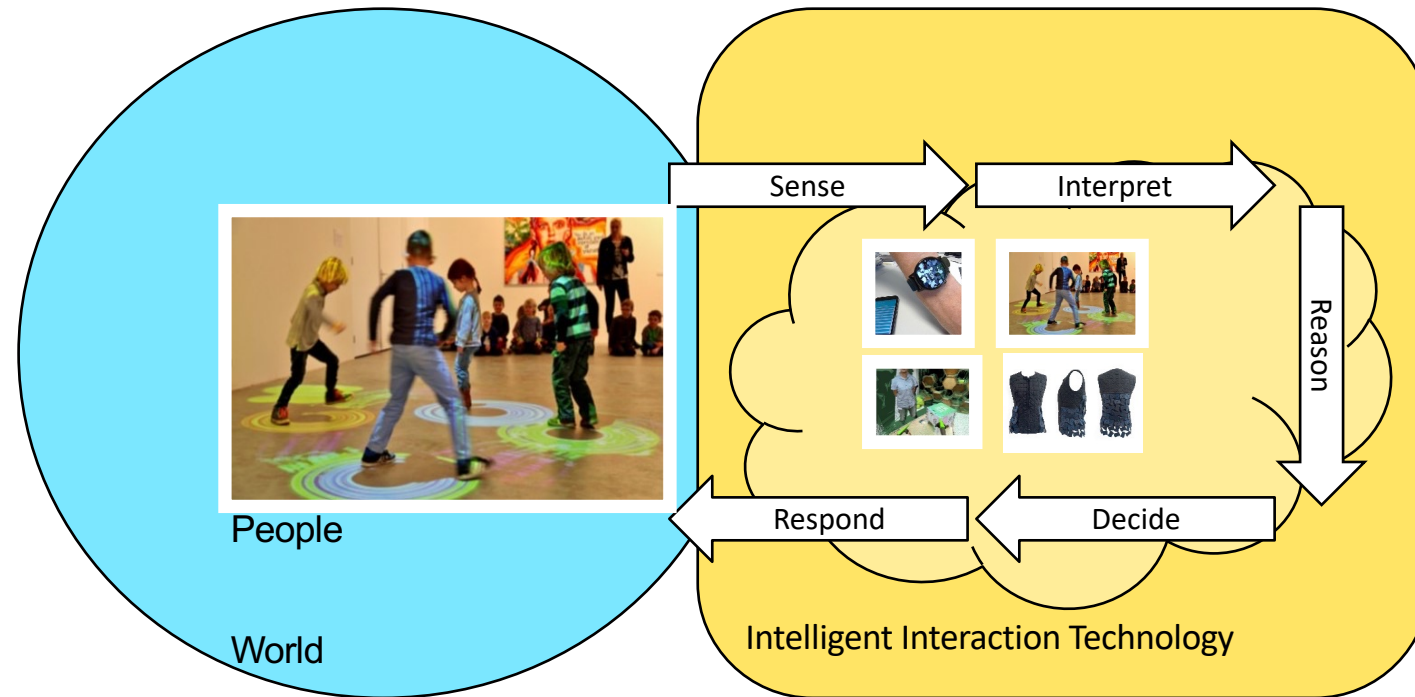
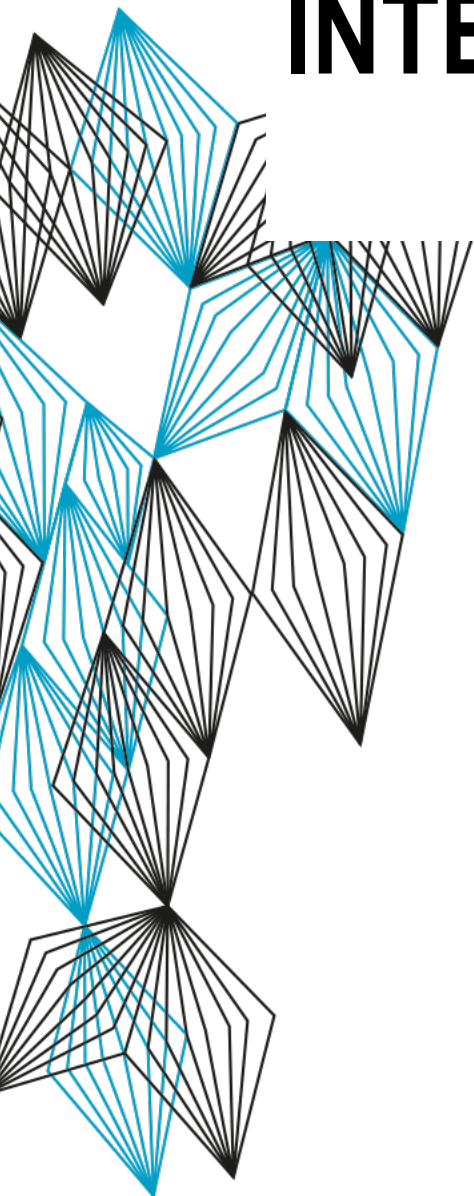
That Interact



For a Purpose



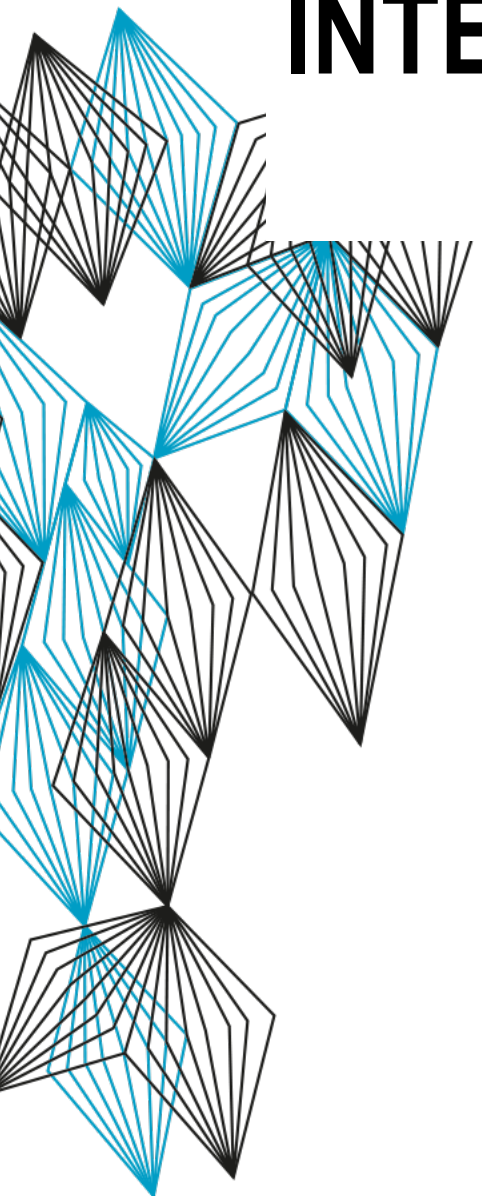
INTELLIGENT INTERACTION DESIGN



7



INTELLIGENT INTERACTION DESIGN



**Digital-Physical
Technological
Application and Spaces**



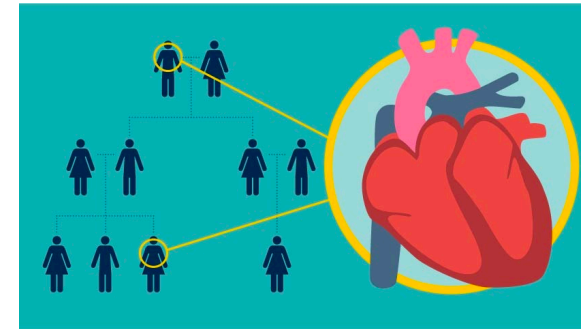
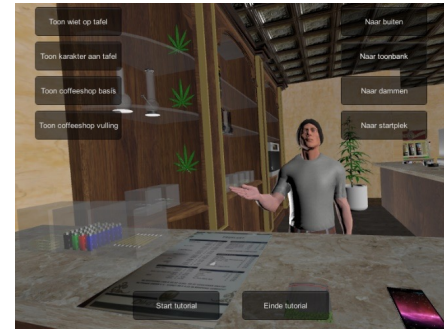
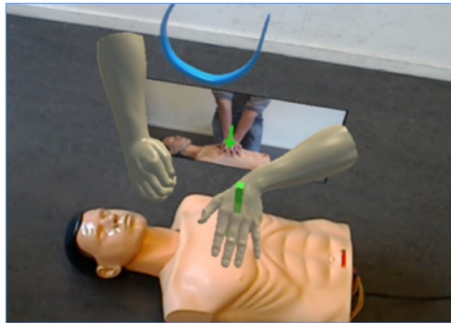
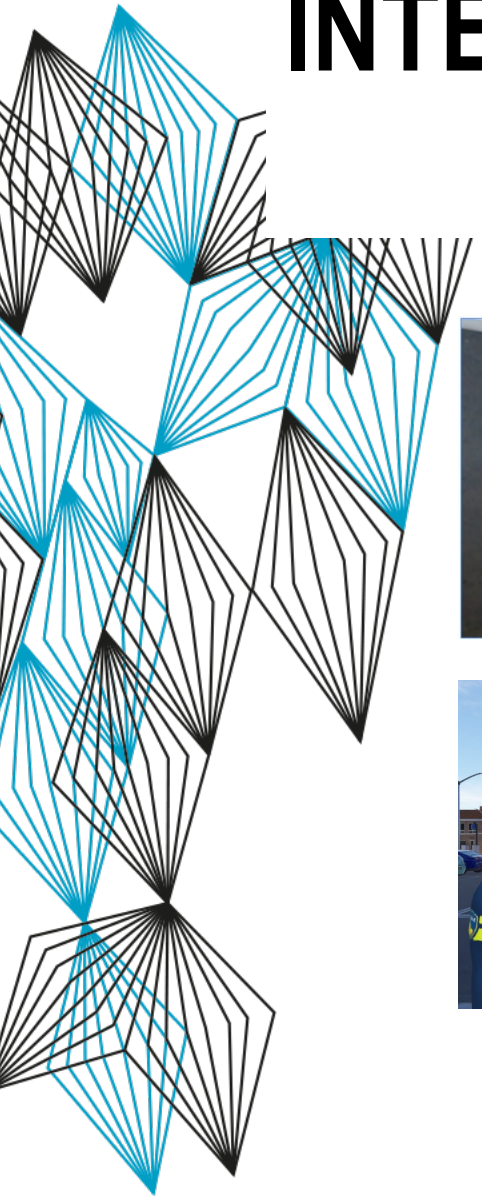
That Interact



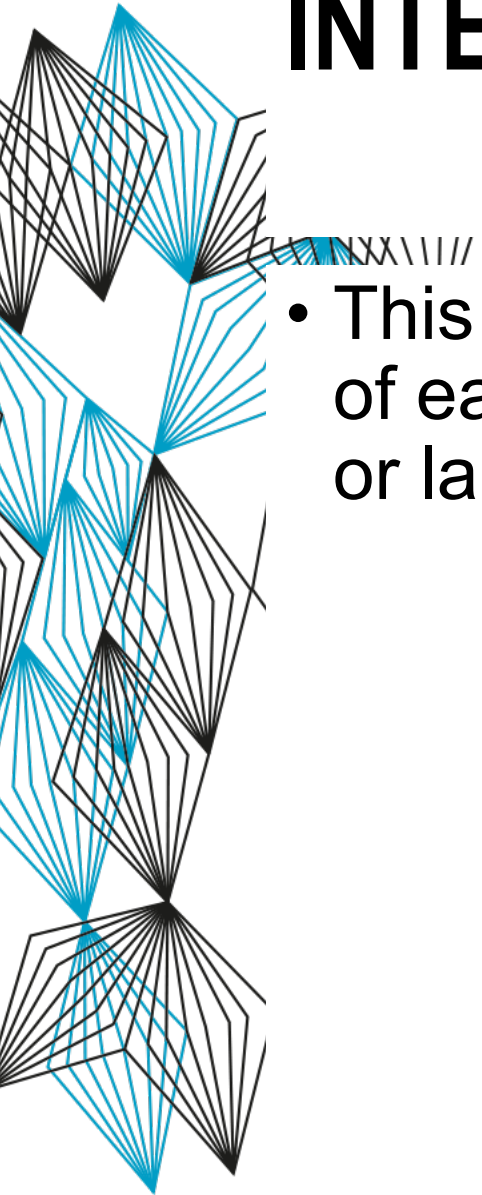
For a Purpose



INTELLIGENT INTERACTION DESIGN

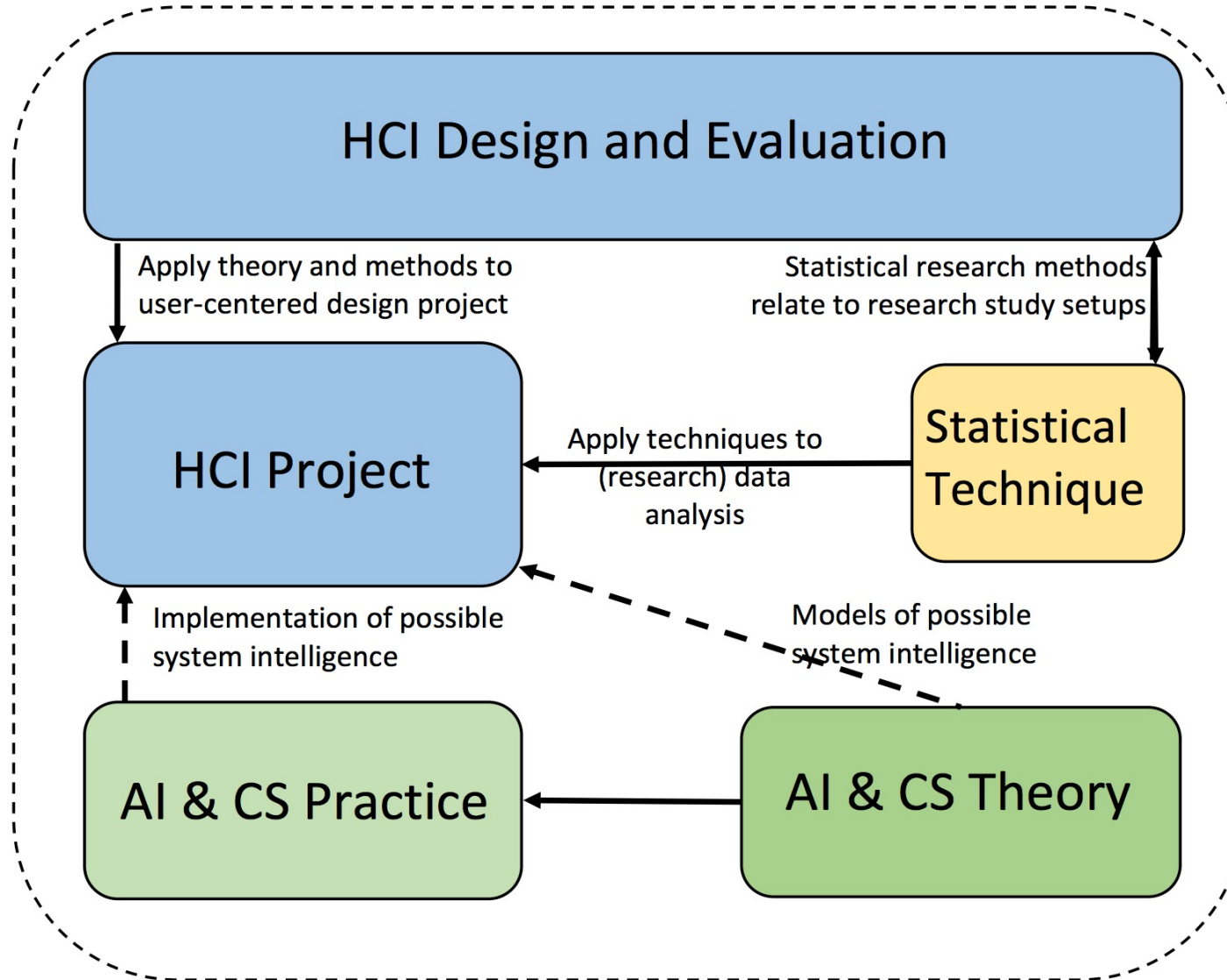


INTELLIGENT INTERACTION DESIGN



- This year: projects are about Intelligent Assistants in the domain of eating (e.g. diet, dinner, cooking, ...), skills training for sports or language, sustainability of energy or waste

MODULE UNITS & PARTS



MODULE UNITS & PARTS

Module units and parts	Approximate study load
AI & CS (theory)	3 EC
AI & CS (practice)	3 EC
HCI Design & Evaluation (theory)	2 EC
HCI Design & Evaluation Project (practice)	4 EC
Statistical Techniques (theory and practice)	3 EC
Total EC	15 EC

Core unit

PASSING THE MODULE

THEORY

- HCI Design & Evaluation*, Artificial Intelligence theory*, Statistical Techniques: **≥ 5.5**

PRACTICE

- HCI Project: **≥ 5.5**
- Artificial Intelligence practice: **5x PASS**

- * For these unit parts, one grade **≥ 5,0** is allowed if the weighted average grade is **≥ 5.5**

TESTS AND DEADLINES

- See **module manual** for general information
- See **module on Canvas** for more details on assessment in each part
- A list of all deadlines per week for the entire module: Canvas Syllabus (will get completed later this week)
- **Alternative project** for repeat visitors of HCI Project
 - Let us know today!

TIMELINE

	Wk1	Wk2	Wk 3	Wk 4	Wk 5	Wk 6	Wk 7	Wk 8	Wk 9	Wk 10	
HCI Project		 Various deliverables							- Report - Oral reflection	- Oral reflection - Repair
HCI Design & Evaluation					TEST p.I			TEST p.II		RESIT	
Statistical Techniques		HWA1	HWA2	HWA3	HWA4	TEST				RESIT	
AI & CS Theory							TEST			RESIT	
AI & CS Practice		SUBMIT	SUBMIT	SUBMIT	SUBMIT	SUBMIT	SUBMIT		REPAIR		

- Combined demo day 04-02-2022

ROOSTER, PLANNING, SELF-STUDY

- HCI project groups should be formed today
- Part of schedule dependent on HCI project group number
- Planning individual self study is your own responsibility!!
- Self study is not in the online roster
- Multiple deadlines in most weeks, so:

PLAN AHEAD

COVID-19 REMINDERS

- Mix of on Campus and online education. Check the rooster.
- Follow instructions from the UT:
<https://www.utwente.nl/en/service-portal/health-safety/coronavirus-covid-19/can-i-come-to-the-ut>
- All tests are on Campus
- Where to find the online lecture

☰	▼ Online lectures	✓	+	⋮
☰	📄 [IID] Introduction Module 6	✓		⋮
☰	📄 [HCI] HCI Design & Evaluation - Lecture 1	✓		⋮

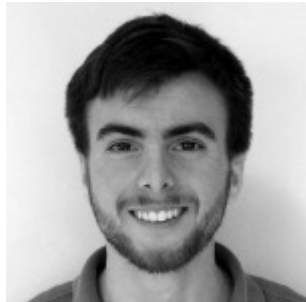
- Update about new COVID-19 measures will follow today

TEACHING STAFF

HCI Design & Evaluation (Theory and project)



Randy Klaassen



Lorenzo Gatti



Birna van Riemsdijk



Dasha Kolesnyk



Jur van Geel



Sara Falcone



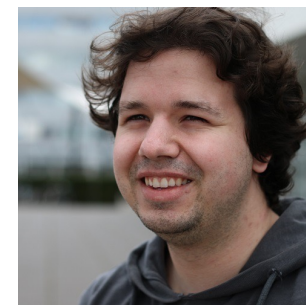
Daniel Davison



Luc Schoot
Uiterkamp



Khiet Truong



Jelte van
Waterschoot

TEACHING STAFF

Artificial Intelligence & Cyber Security



Birna van Riemsdijk



Estefania
Talavera Martínez



Nacir Bouali



Andrea Continella

TEACHING STAFF

Statistical Techniques



Fulya Kula



Valente Ramirez Garcia Luna



Katharina Proksch

TEACHING STAFF

Study advisors



Rianne de Jong
(TCS)



Andrea Rijkeboer –
van Gemert
(TCS)



Sanne Spuls
(TCS)



Bibian Rosink
(BIT)

FRAUD REMINDER

- Discussing and working together is fine, BUT:
 - Using (parts of) other people's work without attribution = plagiarism
 - Using verbatim citations without attribution = plagiarism
 - Citing literature that you have not read = plagiarism
 - Submitting (parts of) your own old work without reference to the original = self-plagiarism
 - 'Free-riding' = plagiarism

WHO TO CONTACT?

- Module coordinator: r.klaassen@utwente.nl
- Assistant module coordinator: j.g.j.a.vangeel@utwente.nl
 - About organisation of the module
 - About inability to attend exams or other issues
 - If you do only a part of the module (but we don't know yet)
- Study advisers
 - About illness, personal circumstances, problems
- Teaching staff
 - About anything related to the subject they teach

EVALUATION AND FEEDBACK

- Help us to further improve the module.
- Student feedback panels (CEEP, last week of the module)
- Inter-Actief Education Officer
- Short (informal) surveys during module
- Standard SEQ survey at the end
 - Also, please fill in SEQ for previous module
- Or contact us directly
- Main changes this year:



IMPROVEMENTS

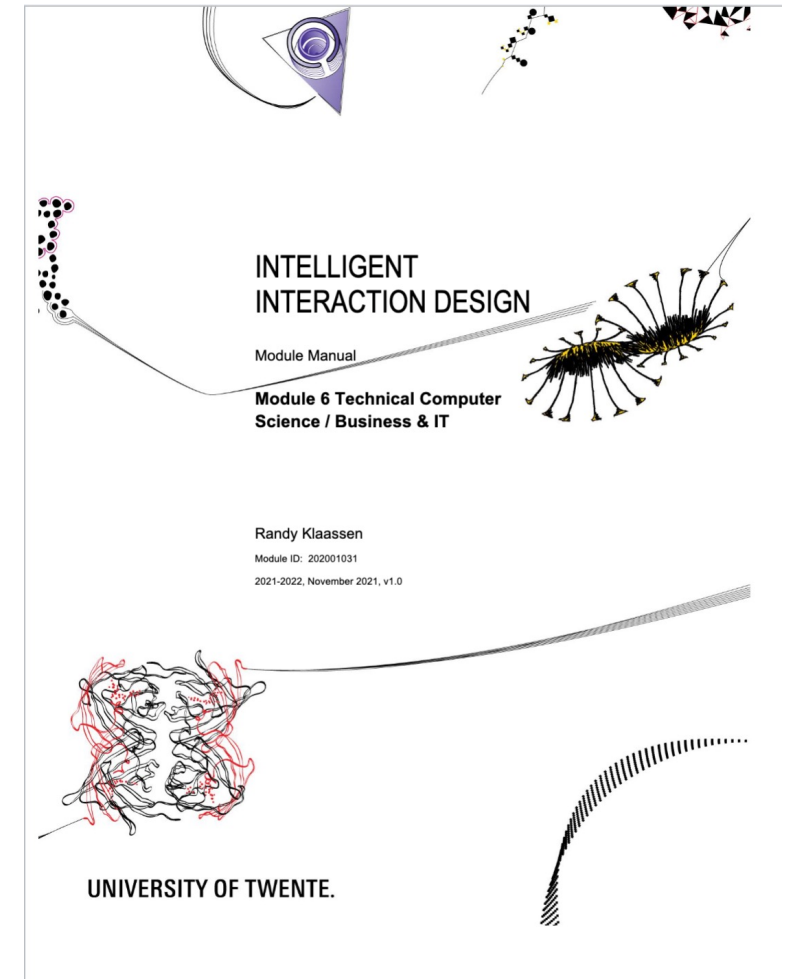
- HCI Design & Evaluation:
 - selected problem domains for the project to help groups to define their own topic, 2 extra tutorial groups, more support for tutorial sessions.
- AI&CS:
 - addition of an overarching 6th(bonus) practical assignment to connect the various parts of the course;
 - more elaborate introduction of different types of AI techniques and explicitly connecting to these in the respective weekly lectures;
 - The lecture covering neural networks will be adapted to give students the required theoretical background to design and implement their own neural network;
- Statistical Techniques:
 - extra teachers, better prepared to grade exam, redesign of workload over the weeks.

QUESTIONS?

Read the Module Manual
Read the Course Manuals

Randy Klaassen
r.klaassen@utwente.nl

Zilverling 2120
(Monday-Friday by appointment)
or
(Virtual) open office Friday 15:00 – 15:30





THANK YOU!

- Get yourself a project group!
- See you at the HCI Design & Evaluation lecture at 10:45