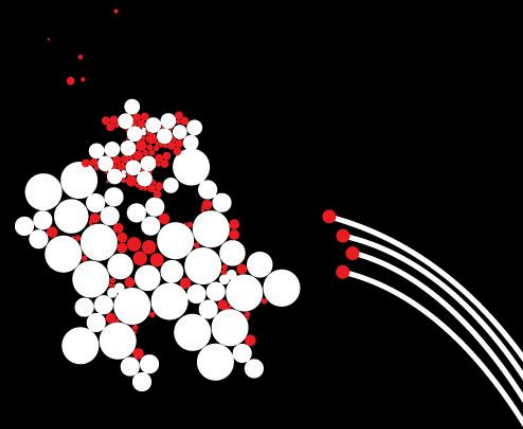


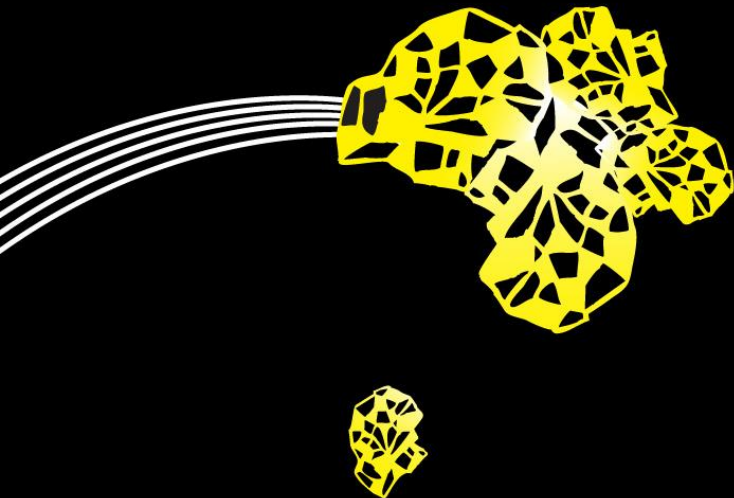
UNIVERSITY OF TWENTE.

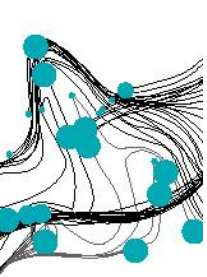


**ETHICS COMMITTEE
COMPUTER AND INFORMATION SCIENCE**

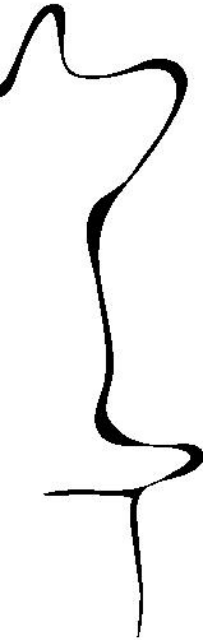
WHY WHAT HOW – INTRODUCTION

DENNIS REIDSMA



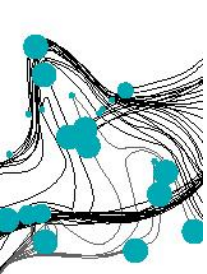


WHY ETHICS?

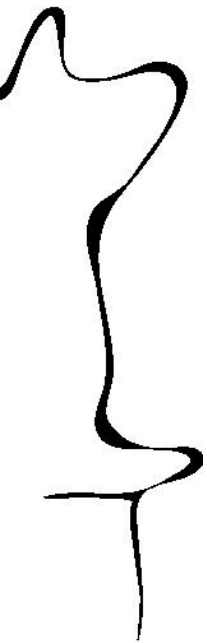


- Ethics in computer and information science research is a growing concern in the world; society desires accountability
- Funders and journals increasingly demand that we follow well established ethics procedures
- More sophisticated frameworks of research ethics are emerging that can contribute to how we carry out our research

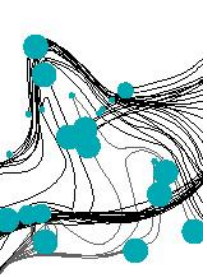




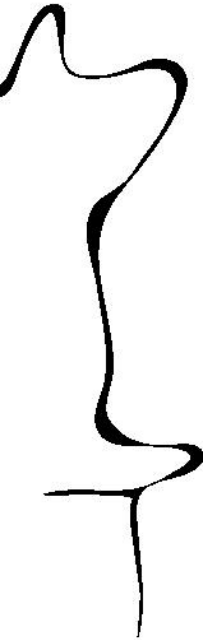
WHY COMMITTEE?



- Ethics Assessment: ensure that research is prepared according to established view on what is ethical
- Accountability: make it is easier to show to outside world that our research is ethically well considered, by embedding in procedures
- Support and lifelong learning: organise availability of necessary knowledge, training, and advice to increase ethical sophistication of our research

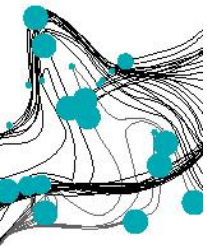


WHY COMPUTER AND INFORMATION SCIENCE?

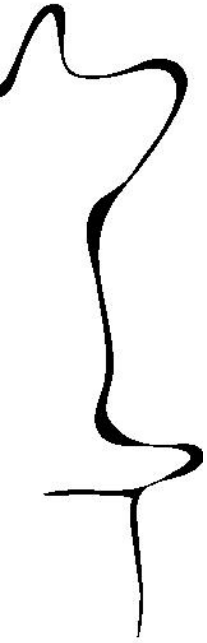


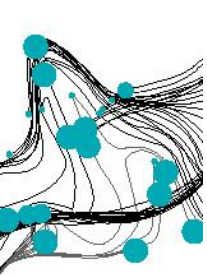
- AI, algorithms, and data science
- Cybersecurity
- Human Computer Interaction design and user studies
- ICT as a motor of transformation – for good and for bad
- Medical applications



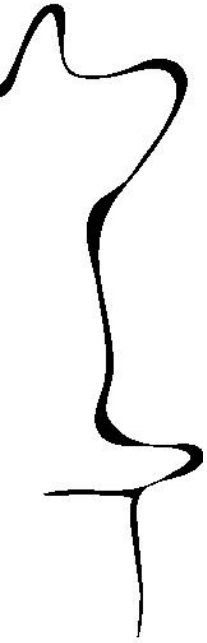


SIX FACETS OF ETHICS IN OUR RESEARCH



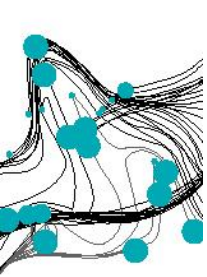


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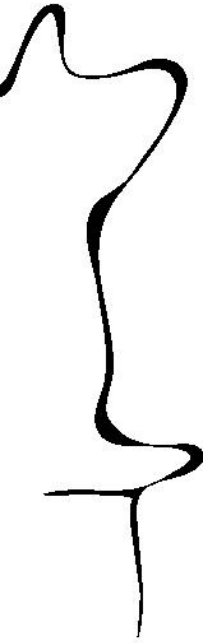


- Professional Ethics of the Researcher
People should be able to trust the content and the provenance of research.
–plagiarism; honesty and integrity; contribute, claim, credit–





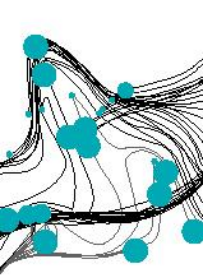
SIX FACETS OF ETHICS IN OUR RESEARCH



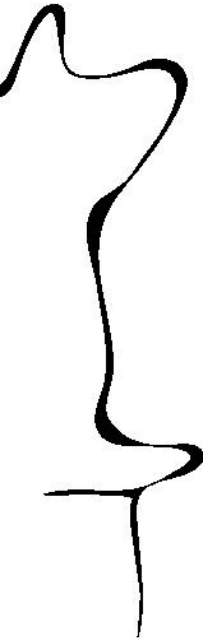
- Professional Ethics of the Researcher
- Research-with-Humans Ethics

*People have the right not to be researched upon without knowing it, understanding it, & actively agreeing to it
–informed voluntary consent; dignity, wellbeing, benevolence, beneficence, justice, risks,–*





SIX FACETS OF ETHICS IN OUR RESEARCH

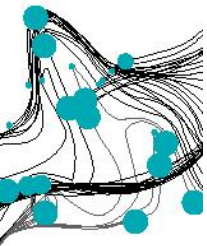


- Professional Ethics of the Researcher
- Research-with-Humans Ethics
- Data-and-Privacy Ethics

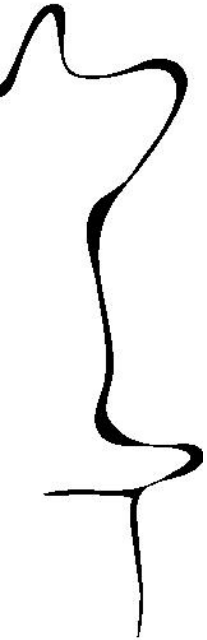
People have the right that their personal data is not collected, processed, or shared without their consent, and the right to withdraw that consent at any time in the future.

–collecting data, publishing data, algorithms and big data vs privacy–





SIX FACETS OF ETHICS IN OUR RESEARCH

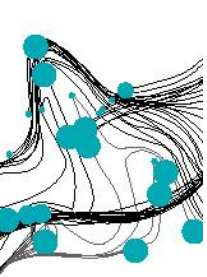


- Professional Ethics of the Researcher
- Research-with-Humans Ethics
- Data-and-Privacy Ethics
- Design Ethics

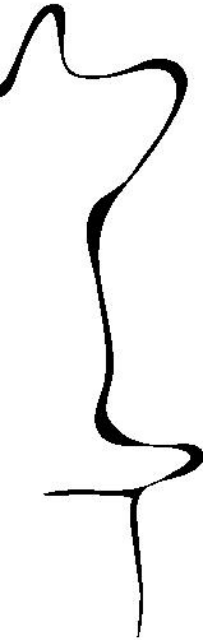
Try to design for good, and avoid bad consequences

–desirability, inclusivity, dual use and misuse, marginalized groups–





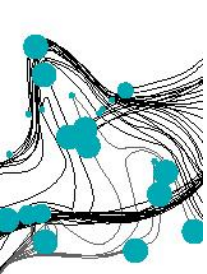
SIX FACETS OF ETHICS IN OUR RESEARCH



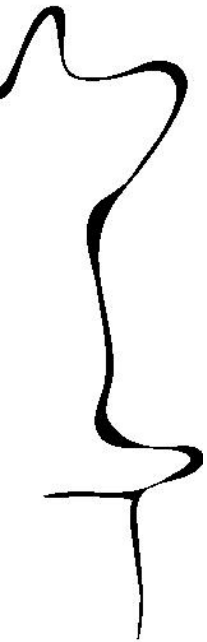
- Professional Ethics of the Researcher
- Research-with-Humans Ethics
- Data-and-Privacy Ethics
- Design Ethics
- User Collaboration Ethics

Treat your “users” with care and respect, whether they are present or not –partnerships, burden of collaboration, recognition of contribution, equity in benefits, communication and logistics–





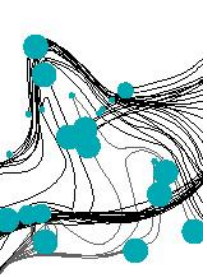
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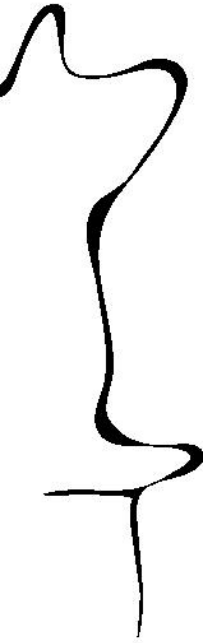
- Professional Ethics of the Researcher
- Research-with-Humans Ethics
- Data-and-Privacy Ethics
- Design Ethics
- User Collaboration Ethics
- Researcher's Well being Ethics

*We should also care for our researchers
–research in (emotionally) difficult settings–*



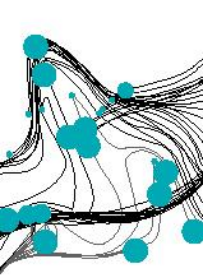


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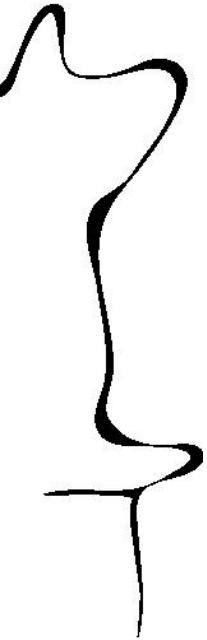


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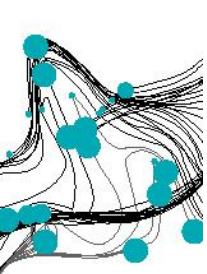


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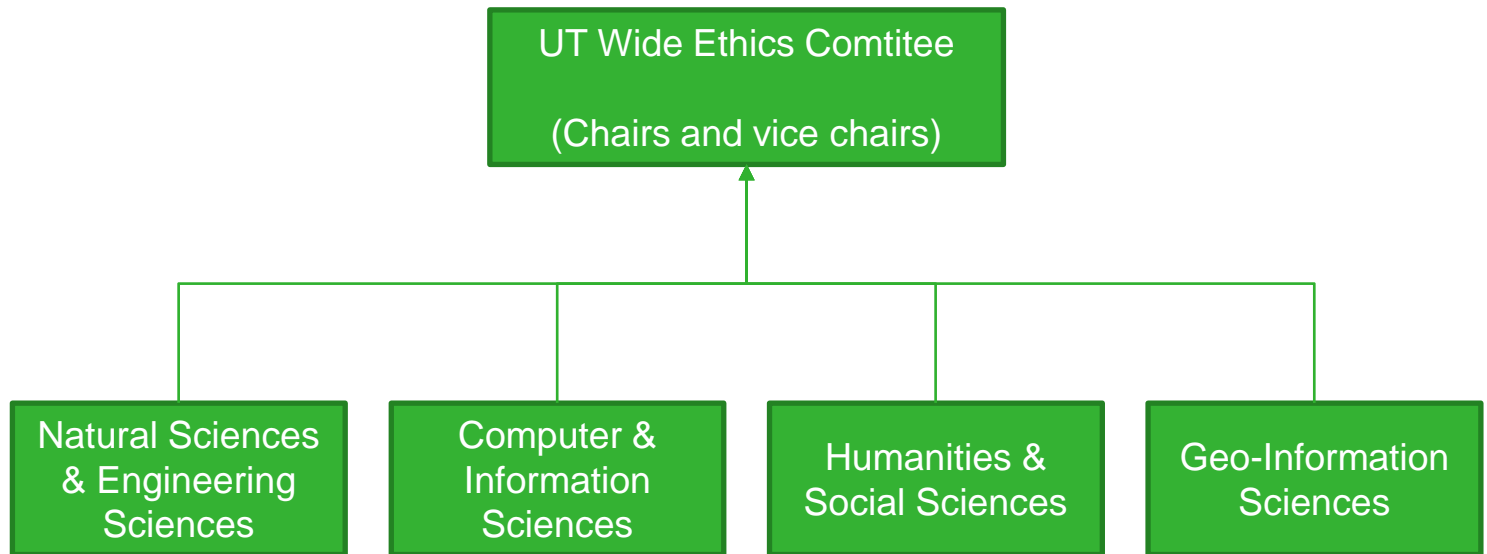
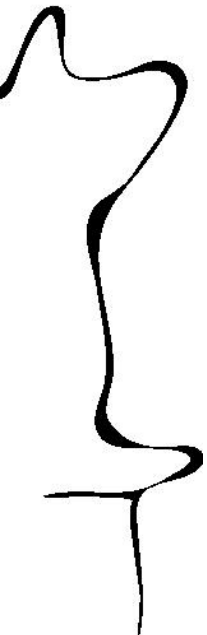


- Professional Ethics of the Researcher
- **Research-with-Humans Ethics**
- **Data-and-Privacy Ethics**
- Design Ethics
- User Collaboration Ethics
- Researcher's Well being Ethics





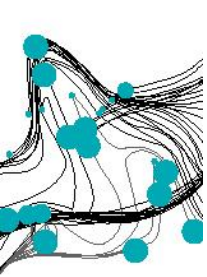
ETHICS COMMITTEES



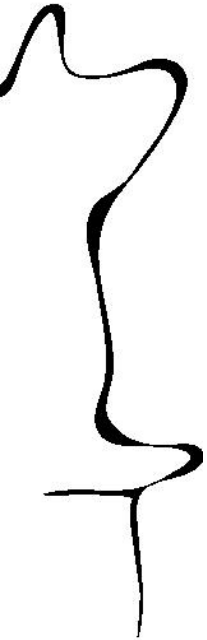
UT Research Ethics Policy as part of “House of Integrity” (2019).

Domain committees, central procedures and framework for checklists, research support for researchers and for committees, development of web portal (2021)



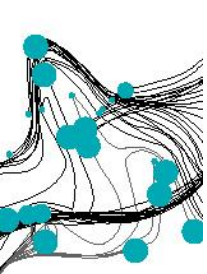


PROCEDURE – ROUGH OVERVIEW, DETAILS ON WEBSITE

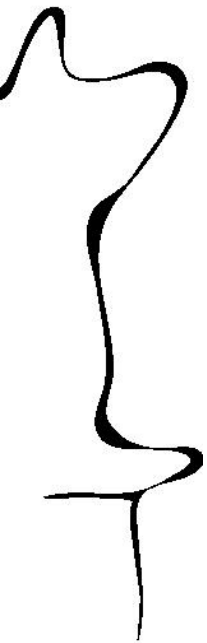


- Choose domain – *EC-CIS, other domain, UT Wide, (or Medical)*
- Self assessment– *new and extended checklist next month!*
- Prepare request – *plans; consent forms; etc; enough detail but not more*
- Ask advice – *more experienced advisers can sometimes help (mandatory for students CreaTe and ITech!)*
- Submit to EC – *now: email; later: dedicated portal. supervisor must approve for student*
- Assessment – *trivial: automatic positive advice
simple: 1 EC member
more complex: 2 or more EC members*
- Carry out research – *the best part!*





THE MEMBERS OF THE COMMITTEE



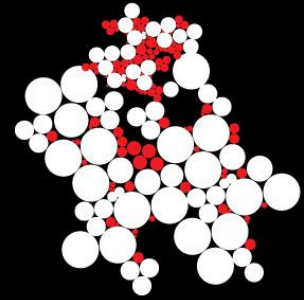
- Dennis Reidsma (HMI) – Chair
- Doina Bucur (DMB)
- Jeroen van der Ham (DACs)
- Andrea Continella (SCS)
- Dina Babushkina (BMS, Philosophy)
- Petri de Willigen – Secretary
- ...

- Administrative support: Marieke Smellink
- Contact person faculty board: Jan Eijkel



UNIVERSITY OF TWENTE.

Thank you!



**ETHICS COMMITTEE
COMPUTER AND INFORMATION SCIENCE**

WHY WHAT HOW – INTRODUCTION

DENNIS REIDSMA

**Looking forward
to your submissions**

