Value Sensitive Design

Fundamentals of Artificial Intelligence Programme

Prof. Dr. Ibo van de Poel

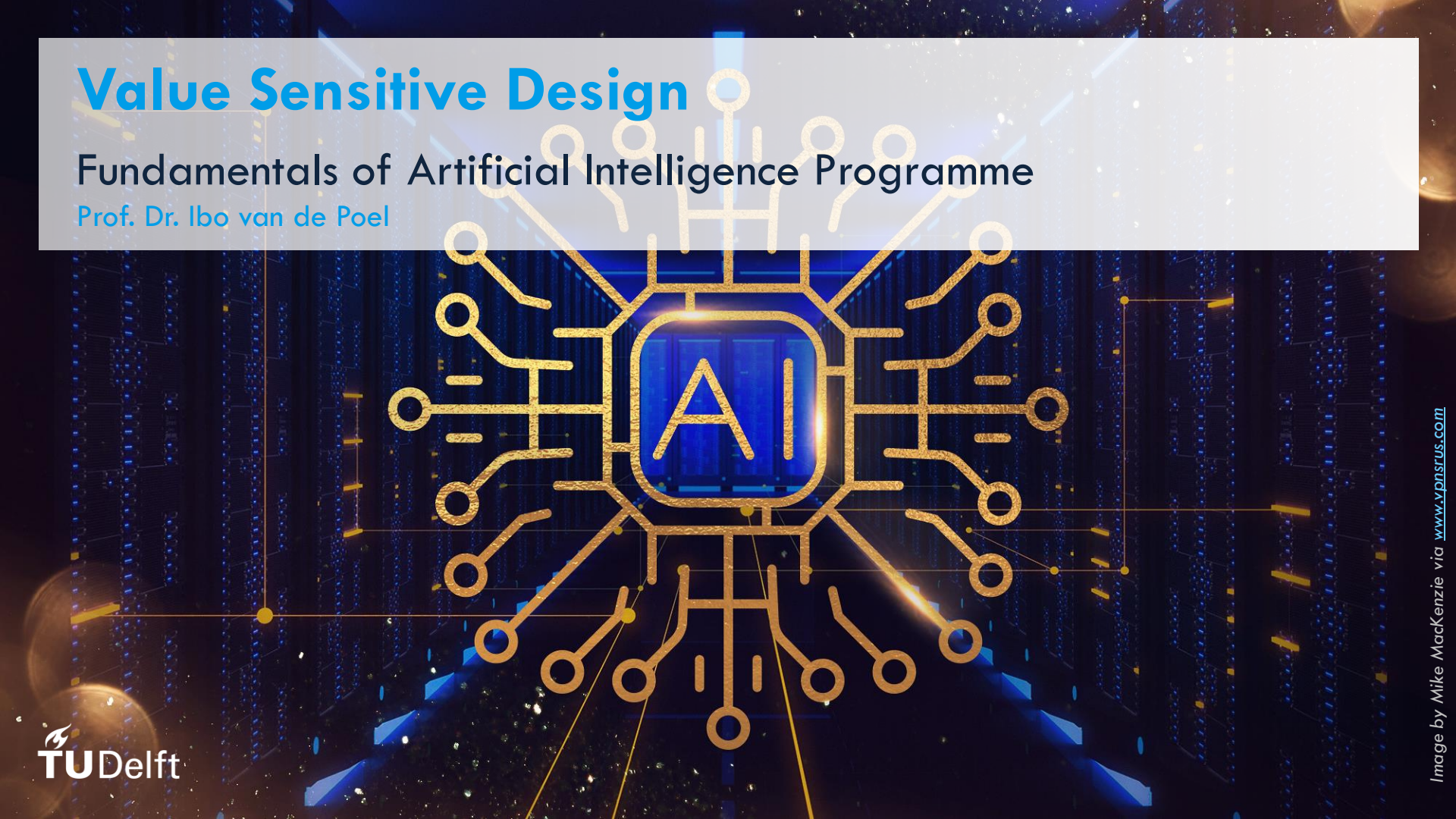


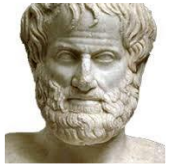
Image by Mike MacKenzie via www.vpnsrus.com

TU Delft

Three types of investigations

Empirical

- Stakeholders and their values

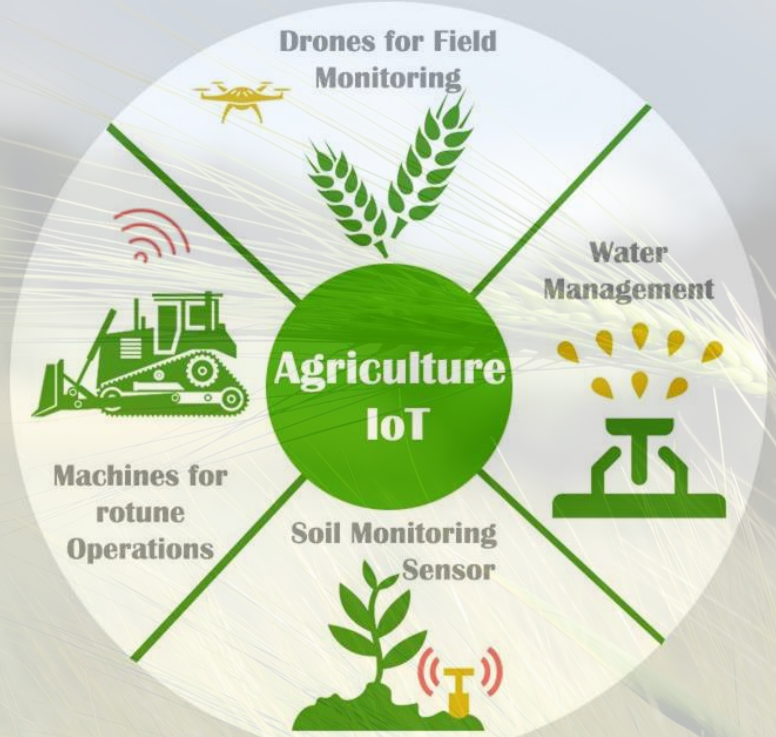


Conceptual

- Conceptualizations of relevant values
- Trade-offs

Technical/engineering

- Embodiments of value
- Value issues raised by technology


Drones for Field Monitoring
Water Management
Agriculture IoT
Machines for rotune Operations
Soil Monitoring Sensor

Mala-Mala

Values

- Economic Prosperity
- Food Security
- Income Security
- Well-being
- Privacy
- Cybersecurity
- Sustainability

Martha Nussbaum

American philosopher and professor

Amartya Sen

Indian economist and philosopher

Three types of investigations

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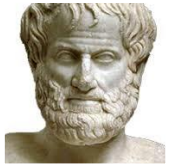

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