



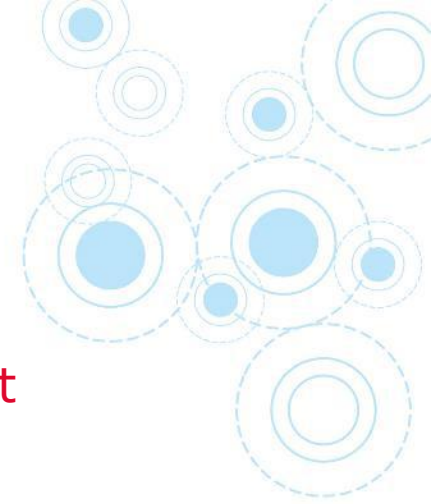
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The Mining Big Data field lab

Haije Wind | Innovationmanager





University of Groningen

- International Research University
 - Broad University
- Excellence in Research | Education | Societal impact

**Centre for Information Technology:
Education and research, supported by innovative and reliable IT**



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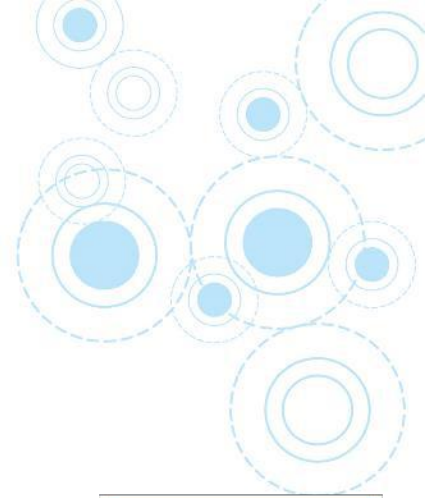
CIT: Expertise fields

- Research
 - Data Science, HPC/Big Data
 - Geographic information services, Visualization
- Education
 - Active Learning, Digital Examinations
 - Didactical knowledge, how education works at UG
- Infrastructure
 - HRM and Finance
 - Facilities
 - > 10.000 desktops
 - > 17.000 network connections
 - > 600 Wi-Fi access points
 - > 16.000 BYOD



SME projects 'proeftuinen'

- dHealth
 - Virtual Clinical Environment
- Mining Big Data
 - Smart systems for handling Big Data
- 5Groningen
 - Next generation mobile communication
- Other collaborations possible ...



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provincie
groningen



SNN

SAMENWERKINGSVERBAND
NOORD-NEDERLAND

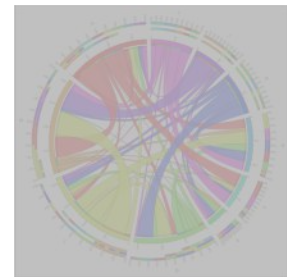
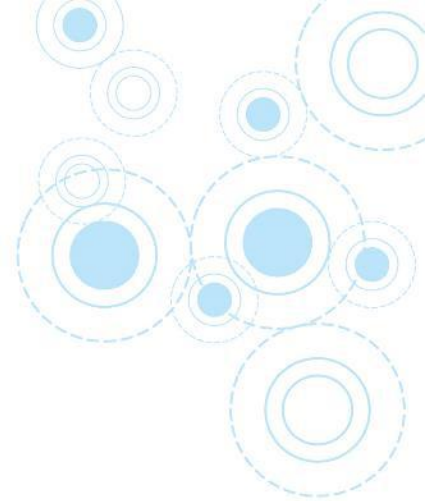
Field lab aims

Goals

- Strengthen the economy in the North
- Create innovation clusters around shared facilities

Spin off for research

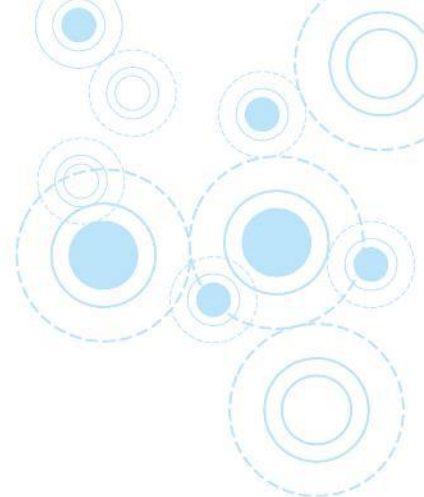
- Reuse of tools and methods
- Data for business == data for research
- Knowledge exchange: business <-> research



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The Mining (Big) Data Field lab



Facilities

- Data handling | HPC
- VR, DOT, DOME,...

Expertise

Computer Science | Astronomy | Artificial Intelligence

Innovation clusters

21 Mei VR Valley kick off in DOT!



Fact or Fake

- News items tracking
- Open Science Applications
- Data lineage

Sensor Grids

- Timeseries : trend prediction
- Open Seismic Sensor Grid
- Wearables

VR Valley

- 360° imaging
- VR editing Platform
- Social applications
- Medical applications

Proeftuin gebruikers



New



Demo project
(Target Holding)



Tender
Demo project
(Horus VR
Yellowbird)



Andere & nieuwe klanten

...



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Questions – Answers



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