Visual Data Science
and its role in Computational Medicine

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Program Recap

Morning

• 09h30 welcome & registration
• 10h00 opening (DDS / TU Delft, Univ. of Bergen)
• 10h10 session 1: computational & visual solutions in biomedicine (chair: H. Hauser)
  • Arvid Lundervold on Computational medicine and machine learning – opportunities and challenges
  • Boudewijn Lelieveldt on Visual analytics for spatially resolved -omics data: from single cell to tissue and back
• 11h10 coffee break
• 11h30 session 2: neuroimaging and visual data science (chair: A. Vilanova)
  • Wiro Niessen on Biomedical Imaging and Genetic (BIG) Data Analytics, applications in dementia and oncology
  • Jos Roerdink on Computational and visual analysis of brain data

Afternoon

• 13h30 session 3: data science with statistics & machine learning (chair: E. Eisemann)
  • Peter Filzmoser on Robust elastic net (logistic) regression for high dimensional data
  • Jan van Gemert on Active Decision Boundary Annotation
• 14h30 coffee break
• 14h50 session 4: visual data science with visualization & analytics (chair: H. Hauser)
  • Jean-Daniel Fekete on The role of visualization in the hypothetico-deductive method
  • Jack van Wijk on Understanding models: a challenge for visual analytics
• 16h00 panel discussion
  • Boudewijn Lelieveldt, Arvid Lundervold, Jean-Daniel Fekete, Erik Tews
Eurographics 2018 in Delft

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Thank you very much for coming!

Slides will be made available online in the news:
https://graphics.tudelft.nl/
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