AARHUS
UNIVERSITY
DEPARTMENT OF COMPUTER SCIENCE

Workshop Program
09-MAY-2023

VCG Workshop 2023
Department of Computer Science
Aarhus University, Denmark

2023 International Workshop on Visualization and Visual Computing

Tuesday, May 9th 2023

14.30-15.00	Bus ride from CS Department and Aarhus Bus Terminal to Moesgaard Museum
15.00-17.00	**Session I – Expert Guided Tour at Moesgaard Museum (Ole Prinds, Mario Brauer)** Virtual Reality and Computer Graphics Technology behind the Exhibition *The tour will start & finish at the Moesgaard Auditorium.*
17.00-18.00	Bus ride from Moesgaard Museum to Molslaboratoriet via Aarhus Central Station
18.30-19.30	Dinner

Wednesday, May 10th 2023

8.00-9.00	Breakfast
9.00-10.00	**Welcome, Introductions, and a Presentation of Visualization @ Aarhus University**
10.00-12.00	**Session II – Erroneous Data and Data Quality Issues and their Impact on Visual Analytics** How can visual analytics help in detecting data quality issues? What about data smell – like valid, but implausible data? Can we still yield reliable results from "smelly" data? **Presentations:** • **Harith Rathish:** New Ways of Detecting Incomplete Data
12.00-13.00	Lunch
13.00-15.30	**Session III – Current Challenges in Applying Visualization and Visual Technologies** Reports, Lessons Learned and Discussions from the Application Frontiers **Presentations:** • **Manuela Waldner:** "Good Enough" Vis Design for Scalable Exploratory Analysis • **Josef Suschnigg:** Anomaly Detection and Exploration in Multivariate Time Series • **Daniel Braun:** Large Value Ranges: Application Data Challenges • **Vaishali Dhanoa:** The Future of Commercial Dashboarding Tools in Industry • **Asger Rasmussen & Joachim Brendborg:** Immersive Brain Visualization • **Franziska von Albedyll:** Tactile Microscopy
15.30-16.00	Coffee
16.00-18.00	**Session IV – User-driven Data Science through Human-Data Interaction** What are the implications and limits of the prevalent notebook metaphor for doing data science? What alternatives exist? Which role can interactive data visualization play? **Presentations:** • **Christian Tominski:** Flexible Visual Analytics through Smooth Display Transitions • **Stefan Bruckner:** Spatial Directness in Interactive Visualization • **Marius Hogräfer:** Collaborative Geovisualization with MapBlender
18.30-19.30	Dinner

Thursday, May 11th 2023

8.00-9.00	Breakfast
9.00-12.00	**Session V – Teaching Approaches for Data Visualization and Visual Computing**
	Experiences and best practices in teaching Visualization / Visual Computing, Discussion of new trends like international co-teaching or asynchronous learning, Teaching for non-Computer Science, non-Data Science students
	Presentations:
	• **Anna Schierholz:** DataVis Teaching – A Student Perspective
	• **Tino Weinkauf:** Teaching Visualization as Flipped Classroom
	• **Tatiana von Landesberger:** Scaling up DataVis Teaching into the Hundreds
	• **Marius Hogräfer:** New Ideas for DataVis TA Sessions
	• **Wolfgang Müller:** Artificial Intelligence in Teaching
12.00-13.00	Lunch
13.00-15.30	**Session VI – Closing: Future Challenges and Ideas**
	Please bring your laptop for this session!
16.00-18.00	Social Event: Guided Hike through the National Park "Mols Bjerge" (Lene Bach Larsen)
18.30-19.30	Dinner

Friday, May 12th 2023

7.00-8.00	Breakfast
8.00-9.00	Bus ride from Molslaboratoriet to Aarhus Central Station and CS Department

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