

<b>Time (CET)</b>	<b>What</b>			
09:30 – 09:40	Opening <i>Prof. dr. Arnold Bregt</i>			
09:40 – 10:30	Baarda Lecture - SpaceTime AI: Concepts, Methods and Applications <i>Prof. dr. Tao Cheng</i>			
10:30 – 11:00	Tienstra Research Award Ceremony			
11:00 – 11:30	Coffee Break			
11:30 – 12:30	Parallel sessions			
	<b>A</b> Education	<b>B</b> High resolution	<b>C</b> Image segmentation	<b>D</b> Deep learning
11:30 – 11:45	Farzaneh Dadrass Javan, UT, How can Challenge Based Learning (CBL) contribute to teach UAV Photogrammetry?	Nandika Tsendbazar, WUR, Operational validation of annual land cover maps at different resolutions	Ning Zhang, UT, Semantic Segmentation in low-light indoor environments	Alex Levering, WUR, Fair Landscape quality Assessments from Optical Imagery
11:45 – 12:00	Marinus de Bakker, HAS, From "Geo Media Design" towards "Applied Geo-information Science". The journey of changes in educational vision	Adriaan van Natijne, TUD, The Netherlands in x, y, and t: the benefits of a Sentinel-2 data cube	Felix Dahle, TUD, Deep learning for semantic segmentation of historical images from Antarctica	Alireza Amiri-Simkooei, TUD, Development of least-squares-based deep learning technique: A geostatistical approach with geoscience applications
12:00 – 12:15	Camille van der Harten, GeoBusiness NL, Het kwantificeren van de omvang van de geosector en de onderwijsbehoefte	Frithjoh Ehlers, TUD, High-resolution satellite radar altimetry	Abhisek Maiti, UT, Effect of Label Noise in Semantic Segmentation of High Resolution Aerial Images and Height Data	
12:15 – 12:30	Q&A	Q&A	Q&A	Q&A
12:30 – 13:30	Lunch			
13:30 – 14:30	Parallel sessions			
	<b>A</b> Urban challenges	<b>B</b> InSAR	<b>C</b> Coastal systems	<b>D</b> Data assimilation
13:30 – 13:45	Samer Karam, UT, Micro and macro quadcopter drones for indoor mapping to support disaster management	Anurag Kulshrestha, UT, Classification of Sinkhole-related Anomaly in InSAR Deformation Time Series using Supervised LSTM Modelling	Mieke Kuschnerus, TUD, Assessing Coastal State Indicators with Permanent Laser Scanning	Srikumar Sastry, UT, Diverse Bayesian Active Learning with Simulated Annealing for Remotely Sensed Image Classification
13:45 – 14:00	Lixia Chu, TUD, Response of air pollution to Covid-19 features in Germany and the Netherlands	Wietske Brouwer, TUD, A quality metric for InSAR observations	Andreas Theodosiou, TUD, Wide-Swath Ocean Topography Using Formation Flying and Squinted Geometry	Xu Shan, TUD, Towards constraining water and carbon cycle processes with radar data through assimilation
14:00 – 14:15	Thomas Wierikx, TUD, Predicting Solar Panel Adoption Based on Spatial and Socioeconomic Factors	Yuqing Wang, TUD, Recursive InSAR Processing and Anomaly Interpretation for Near-Real-Time	Inger bij de Vaate, TUD, Mapping secular changes in tides from satellite radar altimetry	Deborah Gaso Melgar, WUR, Efficiency of assimilating leaf area index into a soybean model to

		Monitoring of the Built Environment		assess within-field yield variability
14:15 – 14:30	Q&A	Q&A	Q&A	Q&A
14:30 – 14:45	Time to change between sessions			
14:45 – 16:00	Parallel sessions			
	A 3D buildings	B Crop analysis	C Combining remote and in-situ sensors	D Spatio-temporal analysis
14:45 – 15:00	Jin Huang, TUD, Automatic Symmetrization of 2D shapes	Norazlida Jamil, WUR, Evaluation of Individual Plant Growth Estimation in an Intercropping Field with UAV Imagery	Yosra Afrasteh, TUD, Including the model-based hydrodynamic leveling data in realization of the European vertical reference system	Na Chen, WUR, Characterizing regrowing forests in Brazil using multi-source remote sensing data
15:00 – 15:15	Sharvi Khawte, UT, Digital Twin Creation For Slums In Brazil Based On UAV Data	Vineet Kumar, TUD, Agricultural SandboxNL: A crop parcel-level database over the Netherlands using Sentinel-1 SAR satellite observations	Simon van Diepen, TUD, Enabling Peatland InSAR Observations using Radar Transponders	Arnan Araza, WUR, An exploratory assessment of the past decade changes in above-ground biomass from four multi-temporal global products
15:15 – 15:30	Camilo León-Sánchez, TUD, Exploiting CityGML-based 3D City models for energy-related applications	Chenglong Zhang, WUR, High-resolution aerial RGB imagery for flowering intensity quantification: a triennial study in a high-density apple orchard	Samer AIMashharawi, TUD, Sensitivity of Intermediate Scale Novel Sensors for Detecting Tree Water Content in Orchard Systems	Saeed Khabbazan, TUD, How Surface Canopy Water Can Affect Agricultural Monitoring Using SAR?
15:30 – 15:45	Khaled Alhoz, TUD, Information management aligned with ISO 19650 standards in Web GIS	Na (Lala) Wang, WUR, Understanding the physiological and non-physiological variations in UAV-based SIF response to water stress in sugar beet observations with a radiative transfer model	Quanxing Wan, WUR, Simulation of Factors Influencing Temperature Measurements from Miniaturized Thermal Infrared (TIR) Cameras: a Laboratory-based Approach	Carolina Pereira Marghidan, UT, Assessing the spatio-temporal distribution of extreme heat events in Mozambique using the high-resolution remotely sensed CHIRTS-daily temperature dataset for 1983-2016
15:45 – 16:00	Q&A	Q&A	Q&A	Q&A
16:00 – 16:30	Coffee break			
16:30 – 17:30	Parallel sessions			
	A Cadastral data	B Infrastructure	C Subsurface	D Point clouds
16:30 – 16:45	Edward Verbree, TUD, Galileo improved services for cadastral augmentation development on-field validation (GISCAD-OV)	Sofia Tilon, UT, Towards Improved Unmanned Aerial Vehicle Edge Intelligence: A Road Infrastructure Monitoring Use-Case	Wilfred Visser, TNO, Data extraction using OCR, NLP, and machine learning techniques for oil and gas	Yao Wei, UT, Deep Generative Models for 3D Point Cloud Generation from a Single Image
16:45 – 17:00	Blessing Munakamwe, UT, Suitability of	Nima Zarrinpanjeh, UT, GIS-based 3D Measurement and	Philip Conroy, TUD, Enabling InSAR Observations of	Zexin Yang, TUD, Efficient Registration of

	Unmanned Aerial Vehicle To support Communal Land Registration in Zimbabwe	Visualization of Underground Utility Network: A Conceptual Design	the Dutch Peatlands Using Segmented Processing	Forest Point Clouds by Global Matching of Relative Stem Positions
17:00 – 17:15		Gonzalo Mier Munoz, WUR, Fields2Cover library: Planning improved tractor paths	Yan Yuan, TUD, Soil Moisture Variation Induced Phase Closure Analysis in Support of Deformation Monitoring	Yadav Yogender, UT, Hybrid Adjustment of UAS-based LiDAR and Image data
17:15 – 17:30	Q&A	Q&A	Q&A	Q&A
17:30 – 18:30	Drinks			