

Thursday
19. March,
2020
8.30 a.m.

Jelgavas street 3
Conference hall "Alfa"

Preliminary Conference programm

08:30 – 09:00 Arrival and registration
<p>09:00 Conference opening Vice-rector for Exact Sciences, Life and Medical Sciences of the University of Latvia, Director of the Institute of Geodesy and Geoinformatics V. Segliņš, G. Silabriedis</p>
<p>09:25 – 09:40 Latvian digital zenith camera - 2019 status report (LAT) A. Zarins, A. Rubans, G. Silabriedis</p>
<p>09:40 – 09:55 Description of program for asteroid detection on digitized scans of Baldone Schmidt telescope archive (LAT) K. Nagainis, I. Eglitis</p>
<p>09:55 – 10:10 Automatic drainage ditch identification in forest using LiDAR data (LAT) R. Melniks, J. Ivanovs, A. Lazdins</p>
<p>10:10 – 10:25 Transfer Learning Approach for Shoreline Extraction from Sentinel-2A imagery (TUR, LAT) B. Bayram, S. N. Karagol, O. C. Bayrak, F. Erdem, I. Vārna</p>
<p>10:25 – 10:35 Advanced observation technique for digital zenith camera (RUS) M. M. Murzabekov</p>
10:35 – 11:00 Coffee break
<p>11:00 – 11:15 Creation of Kinematic Quality Measurement Model using GNSS Base Station Networks (LAT) A. Celms, V. Puķīte, I. Reķe, A. Veliks</p>
<p>11:15 – 11:30 Characteristics of seasonal variations and noises of the Latvian CORS stations based on the daily PPP solutions (POL, LAT) K. Maciuk, I. Vārna</p>
<p>11:30 – 11:45 Measurements results of the highest peaks of mountain ranges in Poland (POL) K. Maciuk, K. Koziol</p>
<p>11:45 – 12:00 Preliminary information on the studies of ionospheric impact on the GNSS observations (LAT) J. Balodis, I. Vārna, M. Normand, D. Haritonova, I. Jumare</p>

<p>12:00 – 12:15 Investigation of Kinematic PPP Performance in Hydrographic Surveying by Using Online Web Services (TUR) N. O. Aykut, B. Akpinar</p>
<p>12:15 – 12:30 Accuracy Assessment of RTK GNSS and PPP Method for Digital Orthophoto Generation (TUR) B. Akpinar, N. O. Aykut, B. Bayram, M. O. Selbesoğlu, O. C. Bayrak</p>
<p>12:30 – 12:45 Benefits of multi-constellation use in surveying (LAT) I. Farenhorste, I. Mitrofanovs</p>
<p>12:45 – 14:00 Lunch (on your own)</p>
<p>14:00 – 14:15 Estimation of land subsidence in Louisiana coastal zone (USA) A. Abdalla</p>
<p>14:15 – 14:30 Monitoring Glacier Melting by GRACE-Mascon Solutions (TUR) C. Aydin, O. Gunes</p>
<p>14:30 – 14:45 Preliminary analysis of seismic deformation characteristics of the North Atlantic and Northern Europe (LAT) V. Nikulin</p>
<p>14:45 – 15:00 The use of GIS tools in mental map analysis (POL) S. Szombra</p>
<p>15:00 – 15:15 Structure-from-Motion analysis of small-scale glacier dynamics Case study on the use of Bentley's Context Capture and Agisoft Metashape (POL) P. Lewińska</p>
<p>15:15 – 15:25 Coffee break</p>
<p>15:25 – 15:40 The conversion of heights into the PL-EVRF2007-NH frame in Poland (POL) Ł. Borowski, P. Banasik</p>
<p>15:40 – 15:55 The creation method and structure of the Digital Terrain Model of the Absheron Peninsula (AZE) N. Jafarova, K. Ismatova</p>
<p>15:55 – 16:10 Local quasi-geoid model for the city of Krakow (POL) P. Banasik, K. Bujakowski, J. Kudrys, M. Ligas</p>
<p>16:10 – 16:25 Evaluation of the accuracy of height measurement using GNSS RTN. (POL) J. Kudrys, R. Krzyżek</p>
<p>16:25 – 16:40 The results of the project on QGeoid determination and its analysis (LAT) K. Morozova</p>
<p>Discussions</p>
<p>Invitation to the next conference</p>
<p>Closing</p>

