

Summer School 1 (SS1).
Forest Management and Remote Sensing.
3-7 July 2017
St. Petersburg Forest Technical University (FTU),
St Petersburg Institutsky per 5, building 1

PROGRAM

Monday 03.07.2017, FTU room 324	
9.15-10.30	Lecture: Dr. Dmitriy Chernikhovsky - Tree stands measurements by stereoscopic aerial images interpretation.
10.30-10.45	Coffee-break
10.45-12.00	Laboratory work: Dr. Dmitriy Chernikhovsky -Photogrammetric software Photomod. Types of images used.
12.00-13.00	Lunch
13.00-14.30	Laboratory work: Dr. Dmitriy Chernikhovsky - Signs interpretation of trees and tree stands
14.30-14.45	Coffee-break
14.45-16.00	Laboratory work: Dr. Dmitriy Chernikhovsky – Tree height measurements by stereoscopic approach, comparisons with ground truce and errors estimations
19.00-21.00	Dinner in the city
Tuesday 04.07.2017 LISINO FIELD TRAIN STATION	
9.15- 17.00	Excursion to Lisino forest management unit (50km from St Petersburg). Visiting demonstration plots. Lunch in the restaurant of forest college
Wednesday 5.07.2017, FTU Room 324, Zastavskaya str. 33	
9.15-10.30	Lecture: Dr. Dmitriy Chernikhovsky – GIS technology in forest management planning
10.30-10.45	Coffee-break
10.45-13.00	Laboratory work: Dr. Dmitriy Chernikhovsky – Special GIS technology used in forest management planning.
13.00-14.00	Lunch
14.00-16.00	Excursion to private inventory company “Lesproekt” 196084, Saint-Petersburg, Zastavskaya str. 33, litera G, office 315 - Forest inventory by interpretation of aerial images.
Thursday 6.07. 2017, FTU room 324	
9.15-10.30	Lecture: Prof. Dr. Alexander Liubimov – Remote sensing methods in forestry and ecology
10.30-10.45	Coffee-break
10.45-12.00	Lecture: Prof. Dr. Alexander Alekseev – Perspectives of unmanned flying devices use in forestry, forest inventory and management.
12.00-13.00	Lunch
13.00-16.00	Visiting of laboratory of dendrochronology and GIS (FTU)
Friday 7.07.2017 LISINO FIELD TRAIN STATION	
9.15-12.00	Unmanned flying devices demonstration in Lisino training and experimental forest. Technology of making aerial photographs, preliminary analysis.
12.00-13.00	Lunch
13.00-14.00	Discussions on remote sensing methods in forest management planning. Prof. Dr. Alexander Alekseev
14.00-14.30	Summary of the week , Prof. Dr. Alexander Alekseev
19.00-21.00	Farewell dinner in the city
Saturday 8.07.17	
Departure	