



PROGRAMME

Friday, 3 June, 2022

- 9.00 – 9.10 **Opening of the Symposium**
- 9.10 – 11.00 **Presentations (Session I)**
Chairperson: Andrzej BIEGANOWSKI, Līvija ZARIŅA
- 9.10 – 9.40 **FERTILITY AND SUSTAINABILITY OF MORAINIC SOILS: NOW DAYS CHALLENGE**
Virginijus Feiza (Lithuanian Research Centre for Agriculture and Forestry)
- 9.40 – 9.55 **ADVANCED METHODS FOR INVESTIGATING SOIL EROSION ILLUSTRATED BY THE USE OF A SURFACE SCANNER TO MEASURE THE SPLASH PHENOMENON**
Rafał Mazur (Institute of Agrophysics, Polish Academy of Sciences, Poland)
- 9.55 – 10.10 **IMPACT OF TILLAGE INTENSITY ON THE MAIN SOIL PHYSICAL PROPERTIES**
Kęstutis Romaneckas (Vytautas Magnus University, Lithuania)
- 10.10 – 10.25 **INFLUENCE OF TILLAGE SYSTEMS ON SOIL PENETRATION RESISTANCE IN ORGANICALLY MANAGED FIELD**
Līvija Zariņa (Institute of Agricultural Resources and Economics, Latvia)
- 10.25 – 10.40 **RELATION BETWEEN AGGREGATE STABILITY AND PEDOGENETIC FACTORS IN TROPICAL ANDISOLS, ALFISOLS, OXISOLS AND VERTISOLS**
Tatiana Camila Zamora-Forero (Universidad Nacional de Colombia)
- 10.40 – 11.00 **THE APPLIED INNOVATION RESEARCH AND RESULTS INFORMATION SYSTEM (TITRIS)**
Monika Dmukauskienė (Lithuanian Agricultural Advisory Service)
- 11.00 – 11.30 **Coffee break and Poster session**



11.30 – 13.10 **Presentations (Session II)**

Chairperson: Virginijus FEIZA, Tomasz ZALESKI

11.30 – 11.45 **VIS-NIR SPECTROSCOPY FOR SOIL INVESTIGATION IN THE FIELD**

Piotr Bartmiński (*Maria Curie-Skłodowska University in Lublin, Poland*)

11.45 – 12.00 **SPLASH PHENOMENON ON SLOPE – MEASUREMENT METHODS FOR THE CHARACTERISTICS OF EJECTED MATERIAL**

Michał Beczek (*Institute of Agrophysics, Polish Academy of Sciences, Poland*)

12.00 – 12.15 **TILLAGE AND COVER CROP MANAGEMENT IMPACT ON SOIL QUALITY AND PEST PRESSURE**

Gražina Kadžienė (*Lithuanian Research Centre for Agriculture and Forestry*)

12.15 – 12.30 **INFLUENCE OF THE TYPE OF TILLAGE ON THE TOPSOIL TEXTURE**

Kalvis Bērziņš (*Latvia University of Life Sciences and Technologies*)

12.30 – 12.45 **RELATIONSHIP BETWEEN SOIL AGROCHEMICAL PROPERTIES, MACROPORES AND WATER-STABLE AGGREGATES UNDER DIFFERENT TILLAGE**

Mykola Kochiiaru (*Lithuanian Research Centre for Agriculture and Forestry*)

12.45 – 13.00 **INSTRUMENTAL POSSIBILITIES IN DETERMINATION SOME KEY PROPERTIES OF SOIL COVER**

Jonas Volungevičius (*Vilnius university / Lithuanian Research Centre for Agriculture and Forestry*)

13.00 – 13.10 **PROBEFIELD – ANOVEL PROTOCOL FOR ROBUST IN FIELD MONITORING OF CARBON STOCK AND SOIL FERTILITY BASED ON PROXIMAL SENSORS AND EXISTING SOIL SPECTRAL LIBRARY**

Guillaume Debaene (*Institute of Soil Science and Plant Cultivation, Poland*)

13.10 – 13.30 **Summary and closing**

13.30 – 14.10 **Lunch**

14.10 – 16.00 **Lab visits are possible**



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