

## 5th INTERNATIONAL SOIL PHYSICS SYMPOSIUM

### FRAME PROGRAMME

Friday, 3 June, 2022

9.00 – 9.10	<b>Opening of the Symposium</b>
9.10 – 11.00	<b>Presentations (Session I)</b> Chairmen: Andrzej BIEGANOWSKI, Rimantas VAISVALAVIČIUS
9.10 – 9.40	<b>Fertility and sustainability of morainic soils: now days challenge</b> ( <i>Virginijus Feiza et al., Lithuania</i> )
9.40 – 9.55	<b>Advanced methods for investigating soil erosion illustrated by the use of a surface scanner to measure the splash phenomenon</b> ( <i>Rafał Mazur et al., Poland</i> )
9.55 – 10.10	<b>Impact of tillage intensity on the main soil physical properties</b> ( <i>Kęstutis Romaneckas, Lithuania</i> )
10.10 – 10.25	<b>Influence of tillage systems on soil penetration resistance in organically managed field</b> ( <i>Livija Zarina, Latvia</i> )
10.25 – 10.40	<b>Soil physical properties in Andean soil and land use dynamics</b> ( <i>Juan Carlos Loaiza-Usuga et al., Colombia</i> )
10.40 – 11.00	<b>The Applied Innovation Research and Results Information System (TITRIS)</b> ( <i>Monika Dmukauskienė, Lithuania</i> )
11.00 – 11.30	<b>Coffee break and Poster session</b>
11.30 – 13.10	<b>Presentations (Session II)</b> Chairmen: Virginijus FEIZA, Tomasz ZALESKI
11.30 – 11.45	<b>VIS-NIR spectroscopy for soil investigation in the field</b> ( <i>Piotr Bartmiński and Guillaume Debaene, Poland</i> )
11.45 – 12.00	<b>Splash phenomenon on slope – measurement methods for the characteristics of ejected material</b> ( <i>Michał Beczek et al., Poland</i> )
12.00 – 12.15	<b>Tillage and cover crop management impact on soil quality and pest pressure</b> ( <i>Grażina Kadžienė et al., Lithuania</i> )
12.15 – 12.30	<b>Influence of the type of tillage on the topsoil texture</b> ( <i>Ginta Helmane et al., Latvia</i> )
12.30 – 12.45	<b>Relationship between soil agrochemical properties, macropores and water-stable aggregates under different tillage</b> ( <i>Mykola Kochiiaru et al., Lithuania</i> )
12.45 – 13.00	<b>Instrumental possibilities in determination some key properties of soil cover</b> ( <i>Jonas Volungevičius et al., Lithuania</i> )
13.00 – 13.10	<b>ProbeField – Anovel protocol for robust in field monitoring of carbon stock and soil fertility based on proximal sensors and existing soil spectral library</b>

	<i>(Guillaume Debaene et al., Poland)</i>
13.10 – 13.30	<b>Summary and closing</b>
13.30 – 14.10	<b>Lunch</b>
14.10 – 16.00	<b>Lab visits are possible</b>