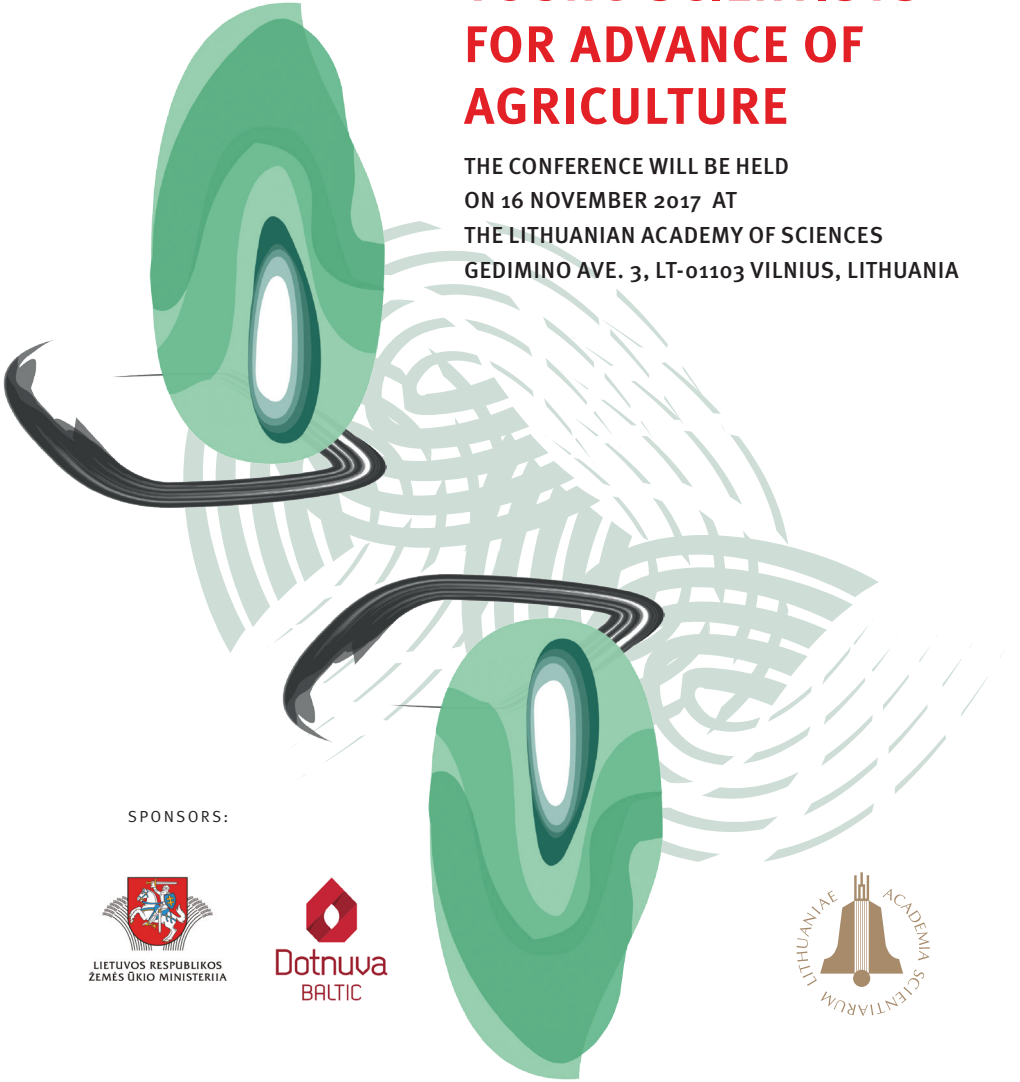


DIVISION OF AGRICULTURAL AND FORESTRY
SCIENCES OF THE LITHUANIAN ACADEMY
OF SCIENCES
INVITES YOU TO

THE INTERNATIONAL CONFERENCE
OF YOUNG SCIENTISTS

YOUNG SCIENTISTS FOR ADVANCE OF AGRICULTURE

THE CONFERENCE WILL BE HELD
ON 16 NOVEMBER 2017 AT
THE LITHUANIAN ACADEMY OF SCIENCES
GEDIMINO AVE. 3, LT-01103 VILNIUS, LITHUANIA



SPONSORS:



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Dotnuva
BALTIC



9.30–10.00	Registration and welcome coffee	
10.00–12.00	Conference opening and plenary session Large Conference Hall	
12.00–12.30	Lunch break	
12.30–15.00	Sections and presentations	
Agronomy and Agrobiolgy section	Forestry and Horticulture section	Animal science, Veterinary medicine, and Food safety and quality section
Meeting Room 1 – Room 210	Small Conference Hall – Room 211	Meeting Room 2 – Room 212
15.00–15.30	Cofee break	
15.30–16.00	Evaluation and closing of the conference. Conference certificate Large Conference Hall	

ORGANIZING COMMITTEE OF THE CONFERENCE:

Chaired by Prof. Dr. Zenonas Dabkevičius

Members:

Prof. Dr. Baiba Rivža

Prof. Dr. Vidmantas Stanys

Prof. Dr. Henrikas Žilinskas

Prof. Dr. Darius Danusevičius

Prof. Dr. Arvydas Povilaitis

Secretary: Elena Narušytė

PROGRAMME

PLENARY SESSION

- 10.00–10.30 OPENING OF THE CONFERENCE AND WELCOME SPEECHES**
Prof. Valdemaras RAZUMAS,
President of the Lithuanian Academy of Sciences,
Prof. Zenonas DABKEVIČIUS,
Chair of the Division of Agriculture and Forestry Sciences
Prof. Baiba RIVŽA, Foreign Member of the Lithuanian Academy
of Sciences
Representatives of the Lithuanian Ministry of Agriculture and
Dotnuva Baltic UAB
- 10.30–12.00 PLENARINIAI PRANEŠIMAI**
Chaired by Prof. Henrikas ŽILINSKAS and Prof. Arvydas POVILAITIS
- 10.30–10.45 DEVELOPMENT AND INNOVATION EFFICIENCY
OF THE MUNICIPALITIES IN THE KURZEME REGION**
Linda Sunina, Baiba Rivza, Peteris Rivza
Latvia University of Agriculture
- 10.45–11.00 EFFICIENCY OF OESTRUS SYNCHRONIZATION AND OPPORTUNITIES
OF INCREASING THE PREGNANCY RATE IN BEEF HEIFERS**
Audronė Rekešūtė, Artūras Šiukščius, Aloyzas
Januškauskas, Henrikas Žilinskas
Veterinary Academy, Lithuanian University of Health Sciences
- 11.00–11.15 TARGETING INDUCED LOCAL LESIONS IN GENOMES (TILLING)
NONTRANSGENIC APPROACH TO THE IMPROVEMENT
OF WINTER WHEAT**
Radvilė Nagrockaitė-Lelešienė, Rita Armonienė,
Gintaras Brazauskas
*Institute of Agriculture, Lithuanian Research Centre
for Agriculture and Forestry*
- 11.15–11.30 CHANGES IN SOIL WATER STABLE AGGREGATE
STABILITY DURING SOIL FORMATION PROCESS**
Mihkel Are, Karin Kauer, Are Selge, Tanel Kaart, Endla Reintam
Estonian University of Life Sciences

11.30–11.45 EXPRESSION OF PARTNERSHIP ORGANIZATIONAL MECHANISM IN LITHUANIA'S LOCAL ACTION GROUPS

Eglė Štareikė
Aleksandras Stulginskis University

11.45–12.00 Discussions

12.00–12.30 Lunch break

AGRONOMY AND AGROBIOLOGY

A

Chaired by Prof. Vytautas RUZGAS and Prof. Algirdas MOTUZAS

Meeting room 1 (Room 210)

12.30–12.45 THE DEVELOPMENT OF WHEAT CROWN AND ROOT ROT DEPENDING ON SOIL TILLAGE AND CROP ROTATION

Laura Paulovska, Biruta Bankina
Latvia University of Agriculture, Agroķīmija Saldus SIA, Birzites

12.45–13.00 FIELD EVALUATION OF PEA CULTIVARS (*PISUM SATIVUM* L.) FOR RESISTANCE TO THRIPS SPECIES

Mohammad Almogdad, Kristyna Razbadauskienė, Roma Semaškienė
Lithuanian Research Centre for Agriculture and Forestry

13.00–13.15 THE CHANGE IN MINERAL NITROGEN IN ORGANIC AND MINERAL SOILS AFTER FERTILIZATION

Andrius Šarka
Agrochemical Research Laboratory, Lithuanian Research Centre for Agriculture and Forestry

13.15–13.30 INVESTIGATION INTO AERODYNAMIC FEATURES OF GRANULAR MANURE FERTILIZERS

Raimonda Zinkevičienė, Eglė Jotautienė
Aleksandras Stulginskis University

13.30–13.45 THE INFLUENCE OF FERTILIZATION WITH SEWAGE SLUDGE COMPOST ON THE FORMATION OF THE BIOMASS OF PERENNIAL ENERGY GRASS AND CHEMICAL PARAMETERS OF SOIL

Jelena Titova, Eugenija Bakšienė
Lithuanian Research Centre for Agriculture and Forestry

13.45–14.00 EFFECTIVE USE OF *ARTEMISIA DUBIA* WALL. FOR BIOFUEL

Živilė Černiauskienė, Vita Tilvikienė
Aleksandras Stulginskis University

- 14.00–14.15 INVESTIGATING CULTIVARS AND INOCULUM FOR SOYBEAN PRODUCTION IN LITHUANI**
 Monika Toleikienė, Žydrė Kadžiulienė, Jonas Šlepetys, Lina Šarūnaitė
Institute of Agriculture, Lithuanian Research Centre for Agriculture and Forestry
- 14.15–14.30 STUDIES INTO THE CHEMICAL COMPOSITION AND STRUCTURE OF DIFFERENT LIMING MATERIALS**
 Donata Drapanauskaitė
Lithuanian Research Centre for Agriculture and Forestry
- 14.30–14.45 LEAN AND ECO-CONSTRUCTION**
 Artjoms Ustinovs, Baiba Rivža
Latvia University of Agriculture
- 14.45–15.00 Discussions**

FORESTRY AND HORTICULTURE

B

Chaired by Prof. Darius DANUSEVIČIUS and Prof. Vidmantas STANYS
 Small Conference hall (Room 211)

- 12.30–12.45 DETECTION OF ENDOPOLYPLOIDY OF *DIANTHUS ARENARIUS* PLANTS FROM DIFFERENT ECOLOGICAL CONDITIONS**
 Nikole Krasņevska, Dace Grauda, Alesya Kruchonok, Isaak Rashal
Institute of Biology, University of Latvia, Central Botanical Garden of the National Academy of Sciences of Belarus
- 12.45–13.00 THE COLONIZATION ABILITY OF *HETEROBASIDION ANNOSUM* (FR.) BREF. AND *HETEROBASIDION PARVIPORUM* NIEMELÄ & KORHONEN ON CONIFERS AND DECIDUOUS TREES AFTER ARTIFICIAL INOCULATION: PRELIMINARY RESULTS**
 Astra Zaļuma, Natālija Burņeviča, Lauma Brūna, Kristīne Kenigšvalde, Agrita Kenigšvalde, Dārta Lukstiņa, Tālis Gaitnieks
Latvian State Forest Research Institution Silava
- 13.00–13.15 MORPHOLOGICAL DIFFERENTIATION OF MITOCHONDRIAL DNA HAPLOTYPES OF THE SCOTS PINE**
 Monika Raškauskaitė
Aleksandras Stulginskis University
- 13.15–13.30 PHENOTYPIC PLASTICITY OF DIFFERENT FOREST TREE SPECIES UNDER HEAT AND DROUGHT SIMULATED IN PHYTOTRON**
 Gintarė Bajerkevičienė, Alfas Pliūra, Vytautas Suchockas, Jurga Jankauskienė
Institute of Forestry, Lithuanian Research Centre for Agriculture and Forestry, Institute of Botany of the Nature Research Centre

- 13.30–13.45 STUDIES OF FUNGAL COMMUNITY IN DECLINING *QERCUS ROBUR* L. STANDS**
 Karolis Sivickis, Dovilė Čepukoit,
 Antanas Matelis, Daiva Burokienė
*Laboratory of Plant Pathology, Institute
 of Botany, Nature Research Centre*
- 13.45–14.00 WHAT VOLATILES ARE USED BY RHAGOLETIS BATAVA, A PEST OF SEA BUCKTHORN, IN SEARCHING FOR HOST PLANT *HIPPOPHAE RHAMNOIDES* BERRIES?**
 Dominykas Aleknavičius, Violeta Apšegaitė, Rita Butkienė, Vincas Būda
Nature Research Centre
- 14.00–14.15 QUANTITATIVE AND QUALITATIVE DIFFERENCES OF BIOACTIVE COMPOUNDS IN APPLES (CV. 'AUKSIS') GROWN IN DIFFERENT GEOGRAPHICAL LOCATIONS**
 Jonas Viškelis, Mindaugas Liaudanskas, Darius Kviklys
*Institute of Horticulture, Lithuanian Research Centre for
 Agriculture and Forestry, Faculty of Pharmacy, Medical
 Academy, Lithuanian University of Health Sciences*
- 14.15–14.30 VACUUM COOKING (COOK-VIDE) AS A POTENTIAL FOOD PROCESSING METHOD FOR OBTAINING MICROBIOLOGICALLY SAFE PRODUCTS**
 Liene Ozola, Solvita Kampuse
Latvia University of Agriculture
- 14.30–14.45 THE USE OF BIOFUEL ASH AND ITS INFLUENCE ON SOIL**
 Kristina Cirtautaitė, Romas Mažeika
Lithuanian Research Centre for Agriculture and Forestry
- 14.45–15.00 THE IMPACT OF THE EU BIOFUEL POLICY ON THE PRICES OF AGRICULTURAL COMMODITIES IN THE EUROPEAN UNION**
 Asta Bendoraitytė
Aleksandras Stulginskis University

C

ANIMAL SCIENCE, VETERINARY MEDICINE, FOOD SAFETY AND QUALITY

Chaired by Prof. Vidmantas BIŽOKAS and Prof. Antanas SEDEREVIČIUS

Meeting room 2 (Room 212)

- 12.30–12.45 GENETIC DIVERSITY OF *MACOMA BALTHICA* WITH A DIFFERENT SHELL SHAPE**
 Oksana Fokina, Dace Grauda, Ingrīda Puriņa, Isaak Rashal
*Institute of Biology, University of Latvia, Latvian
 Institute of Aquatic Ecology*

- 12.45–13.00 CLINICAL AND LABORATORY DIAGNOSIS OF BLOOD MICROFILARIAE IN DOGS**
Urtė Liaudanskaitė
Lithuanian University of Health Sciences
- 13.00–13.15 SEX DIFFERENTIATION FROM DRUMSTICKS IN THE NEUTROPHILS OF CATS' BLOOD**
Rita Ivanauskaitė, Zoja Miknienė
Lithuanian University of Health Sciences
- 13.15–13.30 THE EFFECT OF DEOXYNIVALENOL ON THE CHEMICAL COMPOSITION AND TECHNOLOGICAL PROPERTIES OF SPRING WHEAT GRAINS**
Yuliya Kochiieru, Audronė Mankevičienė, Jurgita Cesevičienė, Akvilė Jonavičienė
Lithuanian Research Centre for Agriculture and Forestry
- 13.30–13.45 THE EFFECT OF INHALATION (SEVOFLURANE) ANAESTHESIA ON PLASMA LEVELS OF CORTISOL AND VITAL SIGNS DURING SURGERY IN HORSES**
Eglė Guskovaitė, Zoja Miknienė
Lithuanian University of Health Sciences
- 13.45–14.00 INFRARED THERMOGRAPHY IN THE DIAGNOSTICS OF FRONT LIMB SUPERFICIAL DIGITAL FLEXOR TENDONITIS IN EQUINES OF DIFFERENT AGE**
Rūta Undžėnaitė, Indrė Stasiulevičiūtė, Jurgita Autukaitė
Large Animal Clinic, Veterinary Academy, Lithuanian Health Sciences University
- 14.00–14.15 FATTENING OF LAMBS OF DIFFERENT GENDER USING AN AUTOMATIC FEEDING STATION**
Līga Šenfelde, Daina Kairiša
Latvia University of Agriculture
- 14.15–14.30 SEASONAL VARIATIONS OF HAEMATOLOGICAL PARAMETERS IN EQUINES INVOLVED IN ENDURANCE RIDING**
Indrė Stasiulevičiūtė, Jurgita Autukaitė, Rūta Undžėnaitė, Ramūnas Antanaitis
Lithuanian University of Health Sciences
- 14.30–14.45 THE MOST COMMON REPRODUCTIVE PROBLEMS OF ALPACAS**
Jurgita Autukaitė, Indrė Stasiulevičiūtė, Rūta Undžėnaitė, Lina Maldžiūtė
Large Animal Clinic, Lithuanian University of Health Sciences
- 14.45–15.00 FERMENTATION CHARACTERISTICS OF BIG-BALE LUCERNE SILAGE USING LACTIC ACID BACTERIA BLEND INOCULANT**
Robertas Stoškus
Lithuanian University of Health Sciences
- 15.00–15.30 Coffee break**

**Evaluation session and closing of the Conference.
Award of Conference certificates**

Large Conference Hall

