




PERSONAL INFORMATION



Egidijus Šarauskis

-  Kaunas, Lithuania
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Nationality Lithuanian

POSITION

- Since 2019 to present Full member of the Lithuanian Academy of Sciences
- Since 2018 to present Director of Institute of Agricultural Engineering and Safety, Vytautas Magnus University
- Since 2010 to present Professor of Institute of Agricultural Engineering and Safety, Vytautas Magnus University

WORK EXPERIENCE

- 2005-2018 Head of Research Department. Responsible for coordination of research activities at the Aleksandras Stulginskis University
- Since 2010 to present Professor of Institute of Agricultural Engineering and Safety at Aleksandras Stulginskis University (*former Lithuanian University of Agriculture*)
- 2003-2010 Associated professor of Department of Agricultural Machinery, Faculty of Agricultural Engineering, Lithuanian University of Agriculture
- 2002-2003 Lecturer of Department of Agricultural Machinery, Faculty of agricultural Engineering, Lithuanian University of Agriculture
- 1998-2001 PhD student, Faculty of Agricultural Engineering, Lithuanian University of Agriculture

EDUCATION

- 2009 Habilitation Procedure. Technological Sciences, Environmental Engineering and Landscape Management, Lithuanian University of Agriculture
- 2001 Doctoral Degree. Technological Sciences, Mechanical Engineering, Lithuanian University of Agriculture
- 1995-1997 Master Degree. Agricultural Sciences. Martin Luther University Halle-Wittenberg (Germany)
- 1990-1995 Mechanical Engineer. Faculty of Agricultural Engineering, Lithuanian University of Agriculture
- 1986-1990 Technician mechanic. Rietavas Technicum of Agriculture

TRAINING

- 2019 (15 days) Scientific internship at the Ghent University, Belgium
- 2017 (15 days) Scientific internship at the Czech University of Life Sciences Prague
- 2014 (7 days) Precision agricultural machinery, Amazone-Werke, Germany
- 2012 (5 days) and 2013 (5 days) Lecture at the University of Wismar, Germany

2011 (2 days)	Social partnership and Internal management, Czech Republic
2011 (2 days)	Model of specialised agricultural university, Austria
2011 (5 days)	Lecture at the University of Wismar, Germany
2010 (2 days)	Financial management of EU international R&D projects, Lithuania
2010 (5 days) and 2009 (5 days)	Lecture at the University of Wismar, Germany
2007 (2 days)	National training session in food, agriculture and fisheries, and biotechnology, Lithuania
2005 (8 days)	Internship Thuringia Region, Germany
2000 and 2004 (3 months)	PhD and Postdoctoral internship, University of Hohenheim, Germany

PERSONAL SKILLS

Mother tongue(s) Lithuanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
German	C2	C2	C1	C1	C1
Russian	C2	C2	C1	C1	B2
English	C1	C1	B2	B2	B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Research interests

- Agricultural Engineering
- Engineering of soil tillage technologies;
- Technological processes of sowing;
- Precision agriculture;
- Sustainable use of resources;
- Agricultural machinery impact on environment;
- Technological, energetic and environmental assessment of the impact of agricultural technological operations on soil and environmental pollution.

Organisational / managerial skills

- Head of Research Department (2005-2018)
- Vice-chairman of the Senate (Aleksandras Stulginskis University) (2016-2018)
- Leadership of interdisciplinary projects
- Chairman of the Exhibits Evaluation Committee
- Chairperson of international conference "Rural Development 2017"
- Supervisor of postdoctoral internship (Dr. Laura Masilionytė from Lithuanian Research Centre for Agriculture and Forestry), 2012-2014.
- Supervisor of PhD students:
 - Sidona BURAGIENĖ (Dissertation defended in **2013**),
 - Kristina VAITAUSKIENĖ (defended in **2015**),
 - Vilma NAUJOKIENĖ (defended in **2018**),
 - Darius JUKNEVIČIUS (2015-2019)
 - Lina SALDUKAITĖ (2018-2022),
 - Andrii ZABRODSKYI (2018-2022),
 - Indre BRUČIENĖ (2019-2023),
 - Marius KAZLAUSKAS (2019-2023)
- Head of 10 scientific projects.

- Computer skills
- Operating System: Windows
 - Office software package (Tools, Access, Excel, InfoPath, Outlook, PowerPoint, Publisher, Word)
 - Use of electronic scientific information sources (databases): Science Technology Resources

ADDITIONAL INFORMATION

Review for Habilitation Procedure

Šarauskis, Egidijus. Review of scientific works presented for Habilitation procedure. Title "Technological processes of operation of environmentally-friendly soil tillage and sowing machines", 2009, Lithuanian University of Agriculture, Akademija, Kaunas distr., 38 p.

Monographs

Šarauskis, Egidijus; Romaneckas, Kęstutis; Masilionytė, Laura; Buragienė, Sidona. Energy and environment friendly soil tillage and sowing: monograph. Saarbrücken: LAP LAMBERT Academic Publishing, **2016**. 117 p. ISBN 9783659864957.

Book Chapters

1.Šarauskis, Egidijus; Kriauciūnienė, Zita; Romaneckas, Kęstutis; Buragienė, Sidona. Impact of Tillage Methods on Environment, Energy and Economy // Sustainable Agriculture Reviews 33 : Climate Impact on Agriculture. Cham: **Springer** International Publishing AG, 2018. (Climate Impact on Agriculture, vol. 33), ISBN 9783319990750. p. 53-97. [SpringerLINK].

2. Kriauciūnienė, Zita; Čepulienė, Rita; Velička, Rimantas; Marcinkevičienė, Aušra; Lekavičienė, Kristina; **Šarauskis, Egidijus.** Oilseed Rape Crop Residues: Decomposition, Properties and Allelopathic Effects // Sustainable Agriculture Reviews 32 : Waste Recycling and Fertilisation. Cham: **Springer** International Publishing AG, 2018. (Sustainable Agriculture Reviews, vol. 32), ISBN 9783319989136. p. 169-205. [SpringerLINK].

3. Romaneckas, Kęstutis; **Šarauskis, Egidijus;** Avižienytė, Dovilė; Adamavičienė, Aida. Weed Control by Soil Tillage and Living Mulch // Weed Biology and Control / edited by Vytautas Pilipavicius. Book chapter. Rijeka: In Tech, 2015, ISBN 9789535121312. p. 87-108.

PATENTS

1. Application to European Patent Office. **Šarauskis Egidijus** [Lt]; Sinkevičius Rymantas [Lt]; Sinkevičius Dovydas [Lt]; Sinkevičius Jaunius [Lt]; Sakalauskas Antanas [Lt]; Romaneckas Kęstutis [Lt]; Kriauciūnienė Zita [Lt]. A method for producing a silage, especially corn silage, and silage produced by this method. Application number EP16174726.6, Aleksandras Stulginskis University and Užgirių žemės ūkio bendrovė. Application data 2016-06-16
2. **Šarauskis Egidijus** [LT]; Naujokienė Vilma [LT]; Vaitauskienė Kristina [LT]. Method for reducing of fuel consumption in crop production using biological preparation. Patent No. LT 6470 (B), Aleksandras Stulginskis University, 10-11-2017
3. **Šarauskis Egidijus** [LT]; Sinkevičius Rymantas [LT]; Sinkevičius Dovydas [LT]; Sinkevičius Jaunius [LT]; Sakalauskas Antanas [LT]; Romaneckas Kęstutis [LT]. Dehydrated meadow grass meal. Patent No. LT 6480 (B), Aleksandras Stulginskis University, 11-12-2017.
4. **Šarauskis Egidijus** [LT]; Sinkevičius Rymantas [LT]; Sinkevičius Dovydas [LT]; Sinkevičius Jaunius [LT]; Sakalauskas Antanas [LT]; Romaneckas Kęstutis [LT]. Dehydrated corn silage. Patent Nr. LT6310 (B), Aleksandras Stulginskis University, 12-09-2016.
5. **Šarauskis Egidijus** [Lt]; Sakalauskas Antanas [Lt]; Vaitauskienė Kristina [Lt]; Vaiciukevičius Edvardas [Lt]; Kačinas Giedrius [Lt]. Technological equipment of strip-till and sowing. Patent Nr. LT6099 (B), Aleksandras Stulginskis University, 29-12-2014.
6. Lukošius Kęstutis [LT]; Juralevičius Bronius [LT]; Prekeris Vytautas [LT]; **Šarauskis Egidijus** [LT]. An unit and a method for planting potatoes and earth crops. Patent Nr. LT4825 (B), Lithuanian University of Agriculture, 25-07-2001.

MAIN PUBLICATIONS
Web of Science
(Total 44)

Clarivate Analytics Web of Science with Impact Factor (IF)

1. Buragienė, Sidona; **Šarauskis, Egidijus**; Romaneckas, Kęstutis; Adamavičienė, Aida; Kriauciūnienė, Zita; Avižienytė, Dovilė; Marozas, Vitas; Naujokienė, Vilma. Relationship between CO₂ emissions and soil properties of differently tilled soils // *Science of the Total Environment*. Amsterdam: Elsevier Science BV. ISSN 0048-9697. 2019, Vol. 662, p. 786-795. [5.589] (Quartile in Category **Q1**)
2. Janulevičius, Algirdas; **Šarauskis, Egidijus**; Čipliesnė, Aušra; Juostas, Antanas. Estimation of farm tractor performance as a function of time efficiency during ploughing in fields of different sizes // *Biosystems Engineering*. San Diego. ISSN 1537-5110. 2019, Vol. 179, p. 80-93. [IF 2.983] (**Q1**)
3. Lekavičienė, Kristina; **Šarauskis, Egidijus**; Naujokienė, Vilma; Buragienė, Sidona; Kriauciūnienė, Zita. The effect of the strip tillage machine parameters on the traction force, diesel consumption and CO₂ emissions // *Soil and Tillage Research*. Amsterdam : Elsevier. ISSN 0167-1987. 2019, Vol. 192, p. 95-102. [IF 4.675] (**Q1**)
4. Lekavičienė, Kristina; **Šarauskis, Egidijus**; Naujokienė, Vilma; Kriauciūnienė, Zita. Effect of Row Cleaner Operational Settings on Crop Residue Translocation in Strip-Tillage // *Agronomy-Basel*. Basel : MDPI AG. ISSN 2073-4395. 2019, Vol. 9, iss. 5, art. no. 247, p. 1-14. [IF 2.259] (**Q1**)
5. Naujokienė, Vilma; **Šarauskis, Egidijus**; Bleizgys, Rolandas; Sasnauskienė, Jurgita. Soil biotreatment effectiveness for reducing global warming potential from main polluting tillage operations in life cycle assessment phase // *Science of the Total Environment*. Amsterdam: Elsevier Science BV. ISSN 0048-9697. 2019, vol. 671, p. 805-817. [IF 5.589] (**Q1**)
6. **Šarauskis, Egidijus**; Masilionytė, Laura; Juknevičius, Darius; Buragienė, Sidona; Kriauciūnienė, Zita. Energy use efficiency, GHG emissions, and cost-effectiveness of organic and sustainable fertilisation // *Energy*. Oxford : Pergamon-Elsevier Science Ltd. ISSN 0360-5442. 2019, Vol. 172, part 1, p. 1151-1160. [IF 5.537] (**Q1**)
7. Romaneckas, Kęstutis; Kimbirauskienė, Rasa; Adamavičienė, Aida; Buragienė, Sidona; Sinkevičienė, Aušra; **Šarauskis, Egidijus**; Jasinskas, Algirdas; Minajeva, Aleksandra. Impact of sustainable tillage on biophysical properties of Planosol and on faba bean yield. *Agricultural and Food Science*. Helsinki: Scientific Agricultural Society of Finland, ISSN 1795-1895. Vol. 28 (3), 2019, p. 101–111 [Science Citation Index Expanded (Web of Science)] [IF 1.20] (**Q2**)
8. Dionizas Streikus, Algirdas Jasinskas, **Egidijus Šarauskis**, Kęstutis Romaneckas, Marek Marks. Technological-technical and environmental evaluation of herbaceous plant usage for the production and burning of granulated biofuel. *Polish Journal of Environment Studies*. Olsztyn: HARD. ISSN 1230-1485. Vol. 28(6): 2019, p. 4369–4379. [Science Citation Index Expanded (Web of Science)] [Citav. rod.: 1,186; (2018, SCIE)] (**Q4**)
9. Naujokienė, Vilma; **Šarauskis, Egidijus**; Lekavičienė, Kristina; Adamavičienė, Aida; Buragienė, Sidona; Kriauciūnienė, Zita. The influence of biopreparations on the reduction of energy consumption and CO₂ emissions in shallow and deep soil tillage // *Science of the Total Environment*. Amsterdam : Elsevier Science BV. ISSN 0048-9697. 2018, Vol. 621, p. 1402–1413. [IF 5.589] (**Q1**)
10. Romaneckas, Kęstutis; Adamavičienė, Aida; Eimutyte, Edita; Pupalienė, Rita; **Šarauskis, Egidijus**; Marks, Marek; Kimbirauskienė, Rasa; Čekanauskas, Sigitas. Impact of non-chemical weed control methods on soil and sugar beet root chemical composition // *Journal of Elementology*. Olsztyn : Polskie Towarzystwo Magnezologiczne. ISSN 1644-2296. 2018, Vol. 23, iss. 4, p. 1215-1227. [IF 0.733] (**Q4**)
11. Romaneckas, Kęstutis; Adamavičienė, Aida; **Šarauskis, Egidijus**; Kriauciūnienė, Zita; Marks, Marek; Vaitauskienė, Kristina. Impact of living mulches on the physical properties of Planosol in monocropped maize cultivation // *International agrophysics*. Warsaw : De Gruyter Open. ISSN 0236-8722. eISSN 2300-8725. 2018, Vol. 32, p. 165-173. [IF 1.227] (**Q3**)
12. **Šarauskis, Egidijus**; Romaneckas, Kęstutis; Kumhála, František; Kriauciūnienė, Zita. Energy use and carbon emission of conventional and organic sugar beet farming // *Journal of Cleaner Production*. Oxford : Elsevier. ISSN 0959-6526. 2018, vol. 201, p. 428-438. [IF 6.395] (**Q1**)
13. Masilionytė, Laura; Maikštėnienė, Stanislava; Kriauciūnienė, Zita; Jablonskytė-Raščė, Danutė; Zou, Ling; **Šarauskis, Egidijus**. Effect of cover crops in smothering weeds and volunteer plants in alternative farming systems // *Crop Protection*. ISSN 0261-2194. 2017, Vol. 91, p. 74-81. [IF 1.920] (**Q1**)
14. **Šarauskis, Egidijus**; Vaitauskienė, Kristina; Romaneckas, Kęstutis; Jasinskas, Algirdas; Butkus, Vidmantas; Kriauciūnienė, Zita. Fuel consumption and CO₂ emission analysis in different strip tillage scenarios // *Energy*. Oxford : Pergamon-Elsevier Science Ltd. ISSN 0360-5442. 2017, Vol. 118, part 1, p. 957-968. [IF 4.968] (**Q1**)
15. Vaitauskienė, Kristina; **Šarauskis, Egidijus**; Romaneckas, Kęstutis; Jasinskas, Algirdas. Design, development and field evaluation of row-cleaners for strip tillage in conservation farming // *Soil and Tillage Research*. Amsterdam : Elsevier. ISSN 0167-1987. 2017, Vol. 174, p. 139-146. [IF 3.824] (**Q1**)

MAIN PUBLICATIONS
Web of Science
(Total 44)

16. Romaneckas, Kęstutis; Avižienytė, Dovilė; Bogužas, Vaclovas; **Šarauskis, Egidijus**; Jasinskis, Algirdas; Marks, Marek. Impact of tillage systems on chemical, biochemical and biological composition of the soil // *Journal of Elementology*. Olsztyn: Polskie Towarzystwo Magnezologiczne. ISSN 1644-2296. **2016**, Vol. 21, iss. 2, p. 513-526. [IF 0.641] (**Q4**)
17. Avižienytė, Dovilė; Romaneckas, Kęstutis; Adamavičienė, Aida; **Šarauskis, Egidijus**; Jakienė, Elena. The interaction between maize and weeds under conditions of long-term reduced tillage // *Žemdirbystė = Agriculture*. ISSN 1392-3196. T. 102, Nr. 4 (**2015**), p. 363-370. [IF 0.579] (**Q3**)
18. Buragienė, Sidona; **Šarauskis, Egidijus**; Romaneckas, Kęstutis; Sasnauskienė, Jurgita; Masilionytė, Laura; Kriaučiūnienė, Zita. Experimental analysis of CO₂ emissions from agricultural soils subjected to five different tillage systems in Lithuania // *Science of the Total Environment*. Amsterdam: Elsevier Science BV. ISSN 0048-9697. Vol. 514 (**2015**), p. 1-9. [IF 3.976] (**Q1**)
19. Jasinskis, Algirdas; **Šarauskis, Egidijus**; Domeika, Rolandas; Viselga, Gintas; Kučinskas, Vytautas; Vaiciukevičius, Edvardas. Research on herbaceous plants compaction in container stores using vibrating compactors // *Journal of Vibroengineering*. ISSN 1392-8716. 2015, Vol. 17, iss. 5, p. 2247-2259. [IF 0.384] (**Q4**)
20. Romaneckas, Kęstutis; **Šarauskis, Egidijus**; Avižienytė, Dovilė; Buragienė, Sidona; Arney, David. The main physical properties of planosol in maize (*Zea mays* L.) cultivation under different long-term reduced tillage practices in the Baltic region // *Journal of Integrative Agriculture*. Oxford: Elsevier. ISSN 2095-3119. **2015**, vol. 14, iss. 7, p. 1309-1320. [IF 0.724] (Quartile in Category **Q2**)
21. Šiaudinis, Gintaras; Jasinskis, Algirdas; **Šarauskis, Egidijus**; Steponavičius, Dainius; Karčiauskienė, Danutė; Liaudanskienė, Inga. The assessment of Virginia mallow (*Sida hermaphrodita* Rusby) and cup plant (*Silphium perfoliatum* L.) productivity, physicochemical properties and energy expenses // *Energy*. Oxford: Pergamon-Elsevier Science Ltd. ISSN 0360-5442. Vol. 93, part 1 (**2015**), p. 606-612. [IF 4.292] (Quartile in Category **Q1**)
22. Vaitauskienė, Kristina; **Šarauskis, Egidijus**; Naujokienė, Vilma; Liakas, Vytautas. The influence of free-living nitrogen-fixing bacteria on the mechanical characteristics of different plant residues under no-till and strip-till conditions // *Soil and Tillage Research*. Amsterdam: Elsevier. ISSN 0167-1987. Vol. 154 (**2015**), p. 91-102. [IF 2.709] (Quartile in Category **Q1**)
23. **Šarauskis, Egidijus**; Buragienė, Sidona; Masilionytė, Laura; Romaneckas, Kęstutis; Avižienytė, Dovilė; Sakalauskas, Antanas. Energy balance, costs and CO₂ analysis of tillage technologies in maize cultivation // *Energy*. Oxford: Pergamon-Elsevier Science Ltd. ISSN 0360-5442. Vol. 69 (**2014**), p. 227-235. [IF 4.844] (Quartile in Category **Q1**)
24. **Šarauskis, Egidijus**; Vaitauskienė, Kristina. Research of mechanical traction characteristics of direct sowing equipment // *Mechanika*. ISSN 1392-1207. 2014, Vol. 20, no. 5, p. 506-511. [IF 0.292] (**Q4**)
25. **Šarauskis, Egidijus**; Masilionytė, Laura; Andriušis, Albinas; Jakštas, Antanas. The force needed for breaking and cutting of winter wheat and spring barley straw // *Žemdirbystė = Agriculture*. ISSN 1392-3196. T. 100, Nr. 3 (**2013**), p. 269-276. [IF 0.523] (Quartile in Category **Q3**)
26. Avižienytė, Dovilė; Romaneckas, Kęstutis; Pališkytė, Rita; Bogužas, Vaclovas; Pilipavičius, Vytautas; **Šarauskis, Egidijus**; Adamavičienė, Aida; Vaiciukevičius, Edvardas. The impact of long-term reduced primary soil tillage on maize (*Zea mays* L.) productivity // *Žemdirbystė = Agriculture*. ISSN 1392-3196. T. 100, Nr. 4 (**2013**), p. 377-382. [IF 0.523] (Quartile in Category **Q3**)
27. Romaneckas, Kęstutis; Avižienytė, Dovilė; **Šarauskis, Egidijus**; Martinkus, Mindaugas; Pilipavičius, Vytautas; Adamavičienė, Aida; Sakalauskas, Antanas. Impact of ploughless tillage on soil physical properties and winter wheat productivity // *Journal of Food, Agriculture & Environment*. Helsinki: WFL Publisher. ISSN 1459-0255. **2012**, Vol. 10, No. 1, p. 501-504. [IF 0.435] (Quartile in Category **Q4**)
28. Romaneckas, Kęstutis; Adamavičienė, Aida; Pilipavičius, Vytautas; **Šarauskis, Egidijus**; Avižienytė, Dovilė; Buragienė, Sidona. Interaction of maize and living mulch. Crop weediness and productivity // *Žemdirbystė = Agriculture*. ISSN 1392-3196. T. 99, Nr. 1 (**2012**), p. 23-30. [IF 0.567] (Quartile in Category **Q3**)
29. Adamavičienė, Aida; Romaneckas, Kęstutis; Pilipavičius, Vytautas; Avižienytė, Dovilė; **Šarauskis, Egidijus**; Sakalauskas, Antanas. Interaction of maize and living mulch: Soil chemical properties and bioactivity // *Journal of Food, Agriculture & Environment*. Helsinki: WFL Publisher. ISSN 1459-0255. 2012, Vol. 10, No. 3-4, p. 1219-1223. [IF 0.435] (Quartile in Category **Q4**)
30. Jasinskis, Algirdas; Sakalauskas, Antanas; **Šarauskis, Egidijus**; Vaiciukevičius, Edvardas; Kalinauskaitė, Solveiga. Investigation of boiler efficiency and harmful emissions while burning

- of plant biomass briquettes // Journal of Food, Agriculture & Environment. Helsinki: WFL Publisher. ISSN 1459-0255. 2012, Vol. 10, No. 3&4, p. 1124-1127. [IF 0.435] (Quartile in Category Q4)
31. Karayel, Davut; Topakci, Mehmet; Unal, Ilker; **Šarauskis, Egidijus**; Canakci, Murad. Using real-time kinematic (RTK) global positioning system (GPS) for the determination of seedling distributions over the field // Žemdirbystė. ISSN 1392-3196. T. 99, Nr. 4 (2012), p. 425-430. [IF 0.567] (Quartile in Category Q4)
 32. Romaneckas, Kęstutis; **Šarauskis, Egidijus**; Pilipavičius, Vytautas; Sakalauskas, Antanas. Impact of short-term ploughless tillage on soil physical properties, winter oilseed rape seedbed formation and productivity parameters // Journal of Food, Agriculture & Environment. Helsinki: WFL Publisher. ISSN 1459-0255. 2011, Vol. 9, No. 2, p. 295-299. [IF 0.517] (Quartile in Category Q4)
 33. Buragienė, Sidona; **Šarauskis, Egidijus**; Romaneckas, Kęstutis; Sakalauskas, Antanas; Užupis, Arnoldas; Katkevičius, Evaldas. Soil temperature and gas (CO₂ and O₂) emissions from soils under different tillage machinery systems // Journal of Food, Agriculture & Environment. Helsinki: WFL Publisher. ISSN 1459-0255. 2011, Vol. 9, No. 2, p. 480-485. [IF 0.517] (Quartile in Category Q4)
 34. **Šarauskis, Egidijus**; Godlinski, Frauke; Sakalauskas, Antanas; Schlegel, Mathias; Kanswohl, Norbert; Romaneckas, Kęstutis; Jasinskas, Algirdas; Pilipavičius, Vytautas. Der Einfluss von Bodenbearbeitungs- und Saatverfahren auf den Zuckerrübenanbau unter den klimatischen Bedingungen Litauens // Landbauforschung. Humburg: Johann Heinrich von Thünen-Institut (vTI). ISSN 0458-6859. 2010, Vol. 60, N 2, p. 101-110. [IF 0.279] (Quartile in Category Q4)
 35. Jasinskas, Algirdas; Plieskis, Kęstutis; **Šarauskis, Egidijus**; Sakalauskas, Antanas. Grass silage thickening technology using centrifugal undirected action vibrator // Journal of Vibroengineering / Vibromechanika. ISSN 1392-8716. 2010, Vol. 12, iss. 4, p. 621-628. [IF 0.323] (Quartile in Category Q4)
 36. Romaneckas, Kęstutis; **Šarauskis, Egidijus**; Pilipavičius, Vytautas; Adamavičienė, Aida; Avižienytė, Dovilė. Impact of primary soil tillage intensity on maize (*Zea mays* L.) seedbed formation and productivity parameters // Journal of Food, Agriculture & Environment. Helsinki: WFL Publisher. ISSN 1459-0255. 2010, Vol. 8, No. 3-4, p. 679-682. [IF 0.425] (Quartile in Category Q4)
 37. Pilipavičius, Vytautas; Aliukonienė, Inga; Romaneckas, Kęstutis; **Šarauskis, Egidijus**. Chemical weed control in the winter wheat (*Triticum aestivum* L.) crop of early stages of development: II. Crop productivity // Journal of Food, Agriculture & Environment. Helsinki: WFL Publisher. ISSN 1459-0255. 2010, Vol. 8, No. 2, p. 456-459. [IF 0.425] (Quartile in Category Q4)
 38. Vaiciukevičius, Edvardas; **Šarauskis, Egidijus**; Jasinskas, Algirdas; Sakalauskas, Antanas; Butkus, Vidmantas; Strakšas, Anicetas. Consistent patterns of detail movement in variable free air flow // Journal of Food, Agriculture & Environment. Helsinki: WFL Publisher. ISSN 1459-0255. 2010, Vol. 8, No. 2, p. 370-374. [IF 0.425] (Quartile in Category Q4)
 39. Romaneckas, Kęstutis; Pilipavičius, Vytautas; **Šarauskis, Egidijus**. Impact of seedbed density on sugar beet (*Beta vulgaris* L.) seed germination, yield and quality of roots // Journal of Food, Agriculture & Environment. Helsinki: WFL Publisher. ISSN 1459-0255. 2010, Vol. 8, No. 2, p. 599-601. [IF 0.425] (Quartile in Category Q4)
 40. Jasinskas, Algirdas; **Šarauskis, Egidijus**; Butkus, Vidmantas; Jotautienė, Eglė; Mioldažys, Algimantas; Viselga, G. Vibration and noise measurements during silage thickening with inertia directional vibrator // Journal of Vibroengineering / Lithuanian Academy of Sciences, Kaunas University of Technology, Vilnius Gediminas Technical University. Vilnius: Vibromechanika. ISSN 1392-8716. 2010, Vol. 12, iss. 4, p. 611-620. [IF 0.323] (Quartile in Category Q4)
 41. Romaneckas, Kęstutis; Pilipavičius, Vytautas; **Šarauskis, Egidijus**; Sakalauskas, Antanas. Effect of sowing depth on emergence and crop establishment of sugar beet (*Beta vulgaris* L.) // Journal of Food, Agriculture & Environment. Helsinki: WFL Publisher. ISSN 1459-0255. 2009, Vol. 7, No. 2, p. 571-575. [IF 0.349] (Quartile in Category Q4)
 42. Jasinskas, Algirdas; **Šarauskis, Egidijus**; Sakalauskas, Antanas; Šarauskis, Raimondas. Investigation of pre-treatment parameters of alder and triticale for bioethanol production // Journal of Food, Agriculture & Environment. Helsinki: WFL Publisher. ISSN 1459-0255. 2009, Vol. 7, No. 3-4, p. 977-980. [IF 0.349] (Quartile in Category Q4)
 43. Jasinskas, Algirdas; **Šarauskis, Egidijus**; Steponavičius, Dainius; Vaiciukevičius, Edvardas; Zinkevičius, Remigijus. The estimation of grass mat thickness and pressing force in press process // Journal of Food, Agriculture & Environment. Helsinki: WFL Publisher. ISSN 1459-0255. 2009, Vol. 7, No. 1, p. 176-178. [IF 0.349] (Quartile in Category Q4)
 44. **Šarauskis, Egidijus**; Köller, Karlheinz; Butkus, Vidmantas. Untersuchungen technologischer

Parameter zur Bestimmung der Konstruktion von Direktsaatscharen für die Zuckerrüben Aussaat // Landbauforschung Völkenrode. Braunschweig. ISSN 0458-6859. **2005**, Vol. 55, N 3, p. 171-180. [IF 0.227] (Quartile in Category **Q4**)

Other scientific publications (over 140)

1. Karayel Davut, **Šarauskis Egidijus**. 2019. Environmental Impact of No-Tillage Farming // Environmental Research, Engineering and Management. ISSN 1392-1649. Vol. 75, No. 1, 2019, p. 7–12. [Scopus, EBSCO, CAB Abstract]
2. Romaneckas K., Aviežienytė D., Adamaviciene A., Bogužas V., Sinkevičienė A., **Šarauskis, E**, Jasinskas A., Kimbirauskienė R., Balandaitė J., Minajeva A., Marks M., Tyburski J., Smanov A. 2019. Impact of reduced tillage on spring oil seed rape, winter wheat, maize and spring barley production in Lithuania // Actual Tasks on Agricultural Engineering: Proceedings of the 47 International Symposium on Agricultural Engineering, ISSN 1848-4425. p. 61–67. [Science Citation Index Expanded (Web of Science); CAB Abstracts].
3. Minajeva A., Jasinskas A., **Šarauskis, E.**, Romaneckas K., Annuk A. 2019. Investigation and comparison of indicators of fodder bean waste and wood pellets // Actual Tasks on Agricultural Engineering : Proceedings of the 47 International Symposium on Agricultural Engineering. ISSN 1848-4425. p. 379–388. [Science Citation Index Expanded (Web of Science); CAB Abstracts].
4. Juknevičius, Darius; Rimkuvienė, Daiva; Rukaitė, Julija; **Šarauskis, Egidijus**; Karayel, Davut. Effect of biological preparation on changes in soil organic carbon and its environmental impact applying precision farming // Engineering for rural development: proceedings. ISSN 1691-3043. 2018, Vol. 17, p. 330-334. [Academic Search Complete; Scopus; Agris]
5. Romaneckas, Kęstutis; Kimbirauskienė, Rasa; Adamavičienė, Aida; Jasinskas, Algirdas; **Šarauskis, Egidijus**. Impact of soil tillage intensity on faba bean cultivation // Engineering for rural development: proceedings, ISSN 1691-3043. 2018, Vol. 17, p. 34-38. [Academic Search Complete; Scopus; Agris]
6. Kriauciūnienė, Zita; Velička, Rimantas; Čekanauskas, Sigitas; Butkevičienė, Lina Marija; Masilionytė, Laura; **Šarauskis, Egidijus**; Karayel, D.; Lazauskas, Petras Algimantas. Evaluation of soil tillage process to improve seedbed preparation and crop density // Acta Technica Corvinensis - Bulletin of Engineering. Hunedoara : University Politehnica Timisoara. ISSN 2067-3809. 2016, vol. 9, iss. 4, p. 53-56. [Academic Search Complete]
7. **Šarauskis, Egidijus**; Buragienė, Sidona; Romaneckas, Kęstutis; Kriauciūnienė, Zita; Jasinskas, Algirdas; Adamavičienė, Aida; Naujokienė, Vilma. An analysis of corn tillage and cultivation energy consumption and GHG emissions // Annals of the Faculty of Engineering Hunedoara - International Journal of Engineering. Hunedoara : University Politehnica Timisoara. ISSN 1584-2665. 2016, vol. 14, iss. 4, p. 173-178. [Academic Search Complete]
8. Kriauciūnienė, Zita; Velička, Rimantas; Čekanauskas, Sigitas; Butkevičienė, Lina Marija; Masilionytė, Laura; **Šarauskis, Egidijus**; Karayel, Davut; Lazauskas, Petras Algimantas. Evaluation of soil tillage process to improve seedbed preparation and crop density // ISB-INMA TEH' 2015 : Agricultural and Mechanical Engineering. ISSN 2344-4118. 2015, p. 11-16. [CAB Abstracts]
9. Jasinskas, Algirdas; Streikus, Dionizas; Steponavičius, Dainius; **Šarauskis, Egidijus**; Kučinskas, Vytautas; Romaneckas, Kęstutis. Peat pellets production and usage as environmentally-friendly local fuel // Actual Tasks on Agricultural Engineering: Proceedings of the 45 International Symposium on Agricultural Engineering. ISSN 1848-4425. 2017, p. 447-458. [Conference Proceedings Citation Index - Science (Web of Science); CAB Abstracts]
10. Kriauciūnienė, Zita; Čepulienė, Rita; Velička, Rimantas; Naujokienė, Vilma; **Šarauskis, Egidijus**; Sasnauskienė, Jurgita; Adamavičienė, Aida; Masilionytė, Laura; Marcinkevičienė, Aušra; Kosteckas, Robertas; Sinkevičienė, Aušra; Matuizienė, Skaistė; Meškauskas, Simonas; Kazlauskas, Marius. The influence of biological preparations and organic fertiliser on soil temperature, electrical conductivity and CO2 // Actual Tasks on Agricultural Engineering : Proceedings of the 45 International Symposium on Agricultural Engineering. ISSN 1848-4425. 2017, p. 55-62. [Conference Proceedings Citation Index - Science (Web of Science); CAB Abstracts]
11. Romaneckas, Kęstutis; Adamavičienė, Aida; Sinkevičienė, Aušra; Kimbirauskienė, Rasa; Bogužas, Vaclovas; **Šarauskis, Egidijus**; Butkus, Vidmantas; Jasinskas, Algirdas; Buragienė, Sidona; Čekanauskas, Sigitas. Influence of five tillage patterns on faba bean productivity parameters // Actual Tasks on Agricultural Engineering: Proceedings of the 45 International Symposium on Agricultural Engineering. ISSN 1848-4425. 2017, p. 183-190. [Conference Proceedings Citation Index - Science (Web of Science); CAB Abstracts]
12. **Šarauskis, Egidijus**; Naujokienė, Vilma; Adamavičienė, Aida; Buragienė, Sidona; Vaitauskienė, Kristina; Romaneckas, Kęstutis; Kriauciūnienė, Zita; Liakas, Vytautas; Jasinskas, Algirdas; Butkus, Vidmantas. The influence of biological preparations on physical soil properties and tillage fuel consumption // Actual Tasks on Agricultural Engineering: Proceedings of the 45 International

- Symposium on Agricultural Engineering. ISSN 1848-4425. 2017, p. 45-53. [Conference Proceedings Citation Index - Science (Web of Science); CAB Abstracts]
13. Romaneckas, Kęstutis; **Šarauskis, Egidijus**; Sakalauskas, Antanas; Jasinskas, Algirdas. Impact of subsoiling and scattered sowing on some soil physical properties and wheat productivity // Engineering for rural development: proceedings. ISSN 1691-3043. 2016, Vol. 15, p. 767-773. [Academic Search Complete; Scopus; Conference Proceedings Citation Index - Science (Web of Science); Agris]
 14. Vaitauskienė, Kristina; **Šarauskis, Egidijus**; Naujokienė, Vilma; Jasinskas, Algirdas. Influence of different methods of bio-preparation use on cutting characteristics of winter wheat residues // TAE 2016 : proceedings of 6th international conference Trends in Agricultural Engineering. Part 2, 2016. ISBN 9788021326828. p. 666-672. [Conference Proceedings Citation Index - Science (Web of Science)]
 15. Jasinskas, Algirdas; **Šarauskis, Egidijus**; Domeika, Rolandas. Investigation of fibrous plant pellet production and utilization for energy purposes // CIGR-AgEng 2016 [elektoninis išteklius]: International Conference on Agricultural Engineering, June 26-29, Aarhus, Denmark. Aarhus. 2016, p. 1-7.
 16. Aleknevičienė, Vilija; Skulskis, Virgilijus; **Šarauskis, Egidijus**; Kriauciūnienė, Zita; Šakickienė, Asta. Demand of applied research for rural development in Lithuania // Management theory and studies for rural business and infrastructure development. ISSN 1822-6760. 2015, T. 37, nr. 2, p. 155-166. DOI: 10.15544/mts.2015.02. [Emerging Sources Citation Index (Web of Science); Business Source Complete; IndexCopernicus]
 17. Jasinskas, Algirdas; Domeika, Rolandas; **Šarauskis, Egidijus**; Mioldažys, Ramūnas; Kučinskas, Vytautas; Annuk, Andres. Research in oak waste preparation and utilization for burning // Engineering for rural development: proceedings. ISSN 1691-3043. 2015, Vol. 14, p. 210-215. [Scopus; Conference Proceedings Citation Index - Science (Web of Science); Agris]
 18. Jasinskas, Algirdas; **Šarauskis, Egidijus**; Gutautaitė, Asta; Mašek, Jiří. Assessment of herbal plant biofuel pellet quality indicators // Rural Development 2015: Towards the Transfer of Knowledge, Innovations and Social Progress: Proceedings of the 7th International Scientific Conference. ISSN 1822-3230. eISSN 2345-0916. 2015, p. 1-6. DOI: 10.15544/RD.2015.008. [Academic Search Complete; Conference Proceedings Citation Index - Science (Web of Science)]
 19. Naujokienė, Vilma; **Šarauskis, Egidijus**; Vaitauskienė, Kristina; Skukauskaitė, Ieva. Influence of bio-preparation on cutting characteristics of cannabis residues // Engineering for rural development: proceedings, May 20-22, 2015. Jelgava. ISSN 1691-3043. 2015, Vol. 14, p. 564-570. [Scopus; Conference Proceedings Citation Index - Science (Web of Science); Agris; CAB Abstracts]
 20. **Šarauskis, Egidijus**; Vaitauskienė, Kristina; Naujokienė, Vilma; Skukauskaitė, Ieva; Romaneckas, Kęstutis; Kriauciūnienė, Zita; Butkus, Vidmantas. Harvest residues bio-treatment as a soil incorporation improvement // Actual Tasks on Agricultural Engineering : Proceedings of the 43 International Symposium on Agricultural Engineering. ISSN 1848-4425. 2015, p. 231-241. [Conference Proceedings Citation Index - Science (Web of Science); CAB Abstracts]
 21. **Šarauskis, Egidijus**; Vaitauskienė, Kristina; Romaneckas, Kęstutis; Sakalauskas, Antanas; Jasinskas, Algirdas; Butkus, Vidmantas; Karayel, Davut; Kriauciūnienė, Zita. Research in strip tillage machine row cleaner technology process // Engineering for rural development: proceedings. ISSN 1691-3043. 2015, Vol. 14, p. 51-56. [Academic Search Complete; Scopus; Conference Proceedings Citation Index - Science (Web of Science); Agris; CAB Abstracts]
 22. Jasinskas, Algirdas; **Šarauskis, Egidijus**; Sakalauskas, Antanas; Vaiciukevičius, Edvardas; Šiaudinis, Gintaras; Čekanauskas, Sigitas. Assessment of unconventional tall grasses cultivation and preparation for solid biofuel // Engineering for rural development: proceedings. ISSN 1691-3043. 2014, Vol. 13, p. 253-258. [Academic Search Complete; Scopus; Conference Proceedings Citation Index - Science (Web of Science); Agris]
 23. **Šarauskis, Egidijus**; Buragienė, Sidona; Romaneckas, Kęstutis; Masilionytė, Laura; Kriauciūnienė, Zita; Sakalauskas, Antanas; Jasinskas, Algirdas; Karayel, Davut. Deep, shallow and no-tillage effects on soil compaction parameters // Engineering for rural development: proceedings. ISSN 1691-3043. 2014, Vol. 13, p. 31-36. [Scopus; Conference Proceedings Citation Index - (Web of Science); Agris]
 24. **Šarauskis, Egidijus**; Kriauciūnienė, Zita; Aleknevičienė, Vilija; Ruzgas, Vytautas; Šakickienė, Asta. Demand for applied research of agricultural engineering and crop management in Lithuania // Research for rural development: proceedings. ISSN 1691-4031. 2014, vol. 1, p. 6-13. [Conference Proceedings Citation Index - Science (Web of Science); Agris; CAB Abstracts]
 25. **Šarauskis, Egidijus**; Buragienė, Sidona; Romaneckas, Kęstutis; Kriauciūnienė, Zita; Jasinskas, Algirdas; Adamavičienė, Aida; Naujokienė, Vilma. An analysis of corn tillage and cultivation energy consumption and GHG emissions // ISB-INMA TEH' 2015: Agricultural and Mechanical Engineering. ISSN 2344-4118. 2015, p. 17-24. [CAB Abstracts]
 26. Jasinskas, Algirdas; **Šarauskis, Egidijus**; Domeika, Rolandas. Technological evaluation of non-traditional plant cultivation and utilization for energy purposes in Lithuania // AgEng 2014

- [elektroninis išteklius] : Proceedings International Conference of Agricultural Engineering, Zurich, 06-10.07.2014. Zurich : The European Society of Agricultural Engineers (EurAgEng), 2014. ISBN 9780993023606. p. 1-8.
27. Vaitauskienė, Kristina; **Šarauskis, Egidijus**. Interaction process between strip-tillage equipment, plant residues and soil // ISB-INMA TEH' 2014: Agricultural and Mechanical Engineering : International Symposium, 2014. Bucharest. ISSN 2344-4118. 2014, p. 9-14. [CAB Abstracts]
 28. **Šarauskis E.**, Masilionytė L., Romaneckas K., Kriaučiušienė Z., Jasinskas A. 2013. The effect of the disc coulters forms and speed ratios on cutting of crop residues in no-tillage system. Bulgarian Journal of Agricultural Science. Vol. 19(3), p.620-624 (SCOPUS) ISSN 1310-0351.
 29. **Šarauskis E.**, Masilionytė L., Kriaučiušienė Z., Romaneckas K., Buragiene S. Evaluation of energy and environmental aspects of reduced tillage systems applied in maize cultivation // World Academy of Science, Engineering and Technology 82. 2013. P.376-378. ISSN 2010-376X (Scopus & EI, EBSCO)
 30. **Šarauskis E.**, Masilionytė L., Kriaučiušienė Z., Romaneckas K. Influence of combined drill coulters on seedbed compaction under conservation tillage technologies // World Academy of Science, Engineering and Technology 78. 2013. P.1499-1502. ISSN 2010-376X (Scopus & EI, EBSCO)
 31. **Šarauskis E.**, Romaneckas K., Vaitauskienė K., Sakalauskas A., Vaiciukevičius E., Patrauskas R. 2013. Influence of soil hardness on traction force of different design coulters. Engineering for Rural Development. Vol 12, p.85-92. ISSN 1691-5976. [CAB Abstract, EBSCO, Scopus]
 32. Romaneckas, K., **Šarauskis, E.**, Masilionytė, L., Sakalauskas, A., Pilipavičius, V. Impact of Different Tillage Methods on Silty Loam Luvisol Water Content in Sugar Beet (*Beta vulgaris* L.) Crop. Journal of Environmental Protection Vol.4, Nr.3, 2013, P. 219-225. ISSN 2152-2197 (CAB Abstract, Scirus, IndexCopernicus)
 33. And other

**Main International
Conference abroad
(Total 58)**

1. 7th International Symposium on Soil Organic Matter in a Stressed World, oral presentation “Effect of organic and sustainable fertilisation and soil organic carbon content on energy use efficiency, GHG emissions, and cost-effectiveness” 6–11 October, 2019, Adelaide, **SOUTH AUSTRALIA** (section: Organic resource management: the role of recycled “wastes”). (co-authors: Šarauskis E.; Masilionytė L.; Kriauciūnienė Z.; Romaneckas K.; Juknevičius D.).
2. 7th International Symposium on Soil Organic Matter in a Stressed World, poster “Dynamics of soil humus formation under different agricultural systems” 6–11 October, 2019, Adelaide, **SOUTH AUSTRALIA**. (co-authors: Kriauciūnienė Z.; Masilionytė L.; Šarauskis E.; Arlauskienė A.).
3. 14th International interdisciplinary conference “Current Environmental Issues-2019”, oral presentation „Review of different agricultural machineries chassis influence on soil compaction and environmental pollution”, 24–26 September, 2019, University of Bialystok, **POLAND**. (co-authors: Andrii Zabrodskyi, Egidijus Šarauskis, Zita Kriauciūnienė, Savelii Kukharets).
4. 14th International interdisciplinary conference “Current Environmental Issues-2019”, poster „Sustainable tillage technological processes effect for energy consumption and CO₂ emissions. Review”, 24–26 September, 2019, University of Bialystok, **POLAND**. (co-authors: Saldukaitė L., Šarauskis E., Buragienė S., Adamavičienė A., Kriauciūnienė Z., Romaneckas K.).
5. Wageningen Soil Conference 2019: Understanding Soil Functions, poster „The effect of bio-preparations on soil respiration“, 27–30 August, 2019, Wageningen, **THE NETHERLANDS**. (co-authors: Buragiene S., Šarauskis E.; Romaneckas K.; Adamavičienė A.; Naujokiene V.; Kimbirauskienė, R.)
6. 10th International Conference „Biosystems Engineering 2019“, oral presentation “Effect of strip tillage on the energy, environmental and agronomical indicators of faba beans cultivation”. Estonian University of Life Science, Tartu, **ESTONIA**. 8–10 May, 2019. (co-authors: Šarauskis E., Romaneckas K., Sakalauskas A., Lekavičienė K., Kriauciūnienė Z., Buragienė S., Jasinskas A., Naujokienė V.).
7. 10th International Conference „Biosystems Engineering 2019“, oral presentation “Evaluation of giant knotweed and bulrush as perspective non traditional herbaceous energy plants and quality assessment of biofuel produced from these plants”. Estonian University of Life Science, Tartu, **ESTONIA**. 8–10 May, 2019. (co-authors: Streikus D., Jasinskas A., Šarauskis E., Jotautienė E., Miedažys R., Annuk A.).
8. 45th International Symposium on Agricultural Engineering „Actual Tasks on Agricultural Engineering“, oral presentation „Impact of reduced tillage on spring oil seed rape, winter wheat, maize and spring barley production in Lithuania“. 5–7 March 2019, Opatija, **CROATIA** (co-authors: Romaneckas K., Aviežienytė D., Adamaviciene A., Bogužas V., Sinkevičienė A., Šarauskis, E., Jasinskas A., Kimbirauskienė R., Balandaitė J., Minajeva A., Marks M., Tyburski J., Smanov A.)
9. 45th International Symposium on Agricultural Engineering „Actual Tasks on Agricultural Engineering“, oral presentation „Investigation and comparison of indicators of fodder bean waste and wood pellets“. 5–7 March 2019, Opatija, **CROATIA** (bendraautorai: Minajeva A., Jasinskas A., Šarauskis, E., Romaneckas K., Annuk A.)
10. 21st International Soil Tillage Research Organization (ISTRO) Conference in Paris“. Oral presentation „An empirical and experimental analysis of interaction between row cleaner parameters and plant residues in strip tillage“. International University Campus Paris. **FRANCE**. 24-27 September 2018. (co-authors: Šarauskis E., Lekavičienė K., Naujokienė V., Buragienė S.).
11. „21st International Soil Tillage Research Organization (ISTRO) Conference in Paris“ Oral presentation „Integrated Assessment of the Biopreparations and Organic Fertiliser Effect on Soil Properties“. International University Campus Paris. **FRANCE**. 24-27 September 2018 (co-authors: Z. Kriauciuniene, A. Adamaviciene, J. Sasnauskiene, R. Cepulienė, R. Velička, V. Naujokiene, E. Šarauskis, A. Marcinkeviciene, K. Romaneckas and L. Masilionyte).
12. International Scientific Conference “Engineering for Rural Development” Oral presentation “Effect of biological preparation on changes in soil organic carbon and its environmental impact applying precision farming”. **LATVIA** University of Agriculture. 23–25 May 2018 (co-authors: Juknevičius D., Šarauskis E., Rimkuvienė D., Rukaiše J., Karayel Davut).
13. International Scientific Conference “Engineering for Rural Development” Oral presentation “Impact of soil tillage intensity on faba bean cultivation”. **LATVIA** University of Agriculture. 23–25 May 2018 (co-authors: Romaneckas K., Kimbirauskiene R., Adamaviciene A., Jasinskas A., Šarauskis E.).
14. Wageningen Soil Conference 2017: Soil Science in a Changing World. Oral presentation „Analysis of CO₂ emissions from agricultural soils and machineries under different tillage systems in maize“, 27–31 August, 2017, Wageningen, **THE NETHERLANDS**. (Theme 6 - Food Security). (co-authors: Sarauskis, Egidijus; Buragiene, Sidona, Romaneckas, Kestutis; Kriauciuniene, Zita; Sasnauskiene, Jurgita; Naujokiene, Vilma.)
15. Wageningen Soil Conference 2017: Soil Science in a Changing World. Poster presentation „Adoption of spring oilseed rape sowing time and soil tillage technology in changing climate conditions“, 27–31 August, 2017, Wageningen, **THE NETHERLANDS**. (Theme 2 - Climate Change). (bendraautorai: Kriauciūnienė Zita, Velička Rimantas, Kosteckas Robertas, Butkevičienė

- Lina Marija, Pupalienė Rita, Jodaugienė Darija, Kosteckienė Silvija, Šarauskis Egidijus)
16. 45rd International Symposium on Agricultural Engineering „ACTUAL TASKS ON AGRICULTURAL ENGINEERING“. Oral presentation „The influence of biological preparations on soil properties and tillage fuel consumption“. 21st – 24th February 2017, Opatija, **CROATIA** (Co-authors: Sarauskis E., Naujokiene V., Adamaviciene A., Buragienė S., Vaitauskienė K., Romaneckas K., Kriauciuniene Z., Liakas V., Jasinskas A., Butkus V.)
 17. 45rd International Symposium on Agricultural Engineering „ACTUAL TASKS ON AGRICULTURAL ENGINEERING“, Oral presentation „Influence of five tillage patterns on faba bean productivity parameters“. 21st – 24th February 2017, Opatija, **CROATIA** (Co-authors: Romaneckas K., Adamaviciene A., Sinkeviciene A., Kimbirauskiene R., Boguzas V., Sarauskis E., Butkus V., Jasinskas A., Buragienė S., Čekanauskas S.)
 18. 45rd International Symposium on Agricultural Engineering „ACTUAL TASKS ON AGRICULTURAL ENGINEERING“, Oral presentation „The influence of biological preparations and organic fertiliser on soil temperature, electrical conductivity and CO₂“. 21st – 24th February 2017, Opatija, **CROATIA** (Co-authors: Z. Kriauciuniene, R. Cepulienė, R. Velicka, V. Naujokiene, E. Sarauskis, J. Sasnauskiene, A. Adamaviciene, L. Masilionyte, A. Marcinkeviciene, R. Kosteckas, A. Sinkeviciene, S. Matuiziene, S. Meskauskas, M. Kazlauskas)
 19. 45rd International Symposium on Agricultural Engineering „ACTUAL TASKS ON AGRICULTURAL ENGINEERING“, Oral presentation „Peat pellets production and usage as environmentally-friendly local fuel“. 21st – 24th February 2017, Opatija, **CROATIA** (bendraautorai: Jasinskas A., Streikus D., Steponavicius D., Sarauskis E., Kucinskas V., Romaneckas K.)
 20. 6th International Conference on AGRICULTURAL ENGINEERING „Influence of different methods of bio-preparation use on cutting characteristics of winter wheat“. 7-9 September 2016, Prague, **CZECH REPUBLIC** (Co-authors: Vaitauskienė K., Šarauskis E., Naujokienė V., Jasinskas A.)
 21. CIGR-AgEng conference „Investigation of fibrous plant pellet production and utilization for energy purposes“. 26–29 June 2016 Aarhus, **DENMARK** (Co-authors: Jasinskas A., Šarauskis E., Domeika R., Kučinskas V.)
 22. International Scientific Conference “ENGINEERING FOR RURAL DEVELOPMENT” “Impact of subsoiling and scattered sowing on some soil physical properties and wheat productivity“. 25–27 May 2016, Jelgava, **LATVIA** (Co-authors: Romaneckas K., Šarauskis E., Sakalauskas A., Jasinskas A.)
 23. International Symposium „ISB-INMA TEH' 2015 AGRICULTURAL AND MECHANICAL ENGINEERING“, „Evaluation of soil tillage process for improving seedbed preparation and crop density“. 29–31 October, 2015, Bucharest, **ROMANIA** (Co-authors: Kriauciūnienė Z., Velička R., Čekanauskas S., Butkevičienė L.M., Masilionytė L., Šarauskis E., Karayel D., Lazauskas P.)
 24. International Symposium „ISB-INMA TEH' 2015 AGRICULTURAL AND MECHANICAL ENGINEERING“, „An analysis of corn tillage and cultivation energy consumption and GHG emissions“. 29–31 October 2015, Bucharest, **ROMANIA** (Co-authors: Šarauskis E., Buragienė S., Romaneckas K., Kriauciūnienė Z., Jasinskas A., Adamavičienė A., Naujokienė V.)
 25. CIGR-AgEng conference „Determination of Seedling Distributions over the Field using Global Positioning Systems (GPS)“ / „Определение распределения посева по полю с помощью системы глобального позиционирования (GPS)“. 26-28 May 2015, Saint Petersburg, **RUSSIA** (Co-authors: Davut Karayel, Mehmet Topakci, İlker Ünal, Murad Canakci, Egidijus Šarauskis)
 26. International Scientific Conference “ENGINEERING FOR RURAL DEVELOPMENT” “Research in strip tillage machine row cleaner technology process“. 20–22 May 2015, Jelgava, **LATVIA** (Co-authors: Šarauskis E., Vaitauskienė K., Romaneckas K., Sakalauskas A., Jasinskas A., Butkus V., Karayel D., Kriauciūnienė Z.)
 27. International Scientific Conference “ENGINEERING FOR RURAL DEVELOPMENT” “Research in oak waste preparation and utilization for burning“. 20–22 May 2015, Jelgava, **LATVIA** (Co-authors: Jasinskas A., Domeika R., Šarauskis E., Mioldažys R., Kučinskas V., Annuk A.)
 28. International Scientific Conference “ENGINEERING FOR RURAL DEVELOPMENT” “Influence of bio-preparation on cutting characteristics of cannabis residues“. 20–22 May 2015, Jelgava, **LATVIA** (Co-authors: Naujokienė V., Šarauskis E., Vaitauskienė K., Skukauskaitė I.)
 29. 43rd International Symposium on Agricultural Engineering „ACTUAL TASKS ON AGRICULTURAL ENGINEERING“, „Harvest residues bio-treatments as a soil incorporation improvement“. 24–27 February. 2015, Opatija, **CROATIA** (Co-authors: Šarauskis E., Vaitauskienė K., Naujokiene V., Skukauskaite I., Romaneckas K., Kriauciuniene Z., Butkus V.)
 30. International Symposium „ISB-INMA TEH' 2014 AGRICULTURAL AND MECHANICAL ENGINEERING“, „Interaction process between strip-tillage equipment, plant residues and soil“. 30–31 October 2014, Bucharest, **ROMANIA** (Co-authors: Vaitauskienė K., Šarauskis E.)
 31. International Conference of AGRICULTURAL ENGINEERING “AGENG 2014 ZURICH”, „Technological evaluation of non-traditional energy plant cultivation and utilization for energy purposes in Lithuania“. 6–10 July 2014 Zurich, **SWITZERLAND** (Co-authors: Jasinskas A., Šarauskis E., Domeika R.)
 32. International Scientific Conference “ENGINEERING FOR RURAL DEVELOPMENT”, “Deep,

- shallow and no-tillage effects on soil compaction parameters". 29–30 May 2014, Jelgava, **LATVIA** (Co-authors: Šarauskis E., Buragienė S., Romaneckas K., Masilionytė L., Kriauciūnienė Z., Sakalauskas A., Jasinskas A., Karayel D.).
33. International Scientific Conference "ENGINEERING FOR RURAL DEVELOPMENT", "Assessment of unconventional tall grasses cultivation and preparation for solid biofuel". 29–30 May 2014, Jelgava, **LATVIA** (Co-authors: Jasinskas A., Šarauskis E., Sakalauskas A., Šiaudinis G., Čekanauskas S.).
 34. International Scientific Conference „RESEARCH FOR RURAL DEVELOPMENT 2014“, „Demand for applied research of agricultural engineering and crop management in Lithuania“. 21–23 May 2014, Jelgava, **LATVIA** (Co-authors: Šarauskis E., Kriauciūnienė Z., Aleknevičienė V., Ruzgas V., Šakickienė A.).
 35. ICABBBE 2013: International Conference on AGRICULTURAL, BIOTECHNOLOGY, BIOLOGICAL AND BIOSYSTEMS ENGINEERING, „Evaluation of energy and environmental aspects of reduced tillage systems applied in maize cultivation“. 14–15 October 2013, Hyatt Regency Osaca, **JAPAN** (Co-authors: Šarauskis E., Masilionytė L., Kriauciūnienė Z., Romaneckas K., Buragienė S.).
 36. International Scientific Conference "ENGINEERING FOR RURAL DEVELOPMENT", "Effect of different design coulters on seedbed hardness". 23–24 May 2013, Latvia University of Agriculture (Co-authors: Šarauskis E., Masilionytė L., Romaneckas K., Kriauciūnienė Z., Jasinskas A., Karayel D.).
 37. International Scientific Conference "ENGINEERING FOR RURAL DEVELOPMENT", "Influence of soil hardness on traction force of different design coulters". 23–24 May 2013, Jelgava, **LATVIA** (Co-authors: Šarauskis E., Romaneckas K., Vaitauskienė K., Sakalauskas A., Vaiciukevičius E., Petrauskas R.).
 38. 4th International Conference on BIOSYSTEMS ENGINEERING 2013, "Theoretical analysis of interaction of disc coulters and straw residues under no-tillage conditions". 9–10 May 2013, Tartu, **ESTONIA** (Co-authors: Šarauskis E., Romaneckas K., Sakalauskas A., Vaiciukevičius E., Karayel D., Vaitauskienė K.).
 39. 4th International Conference on BIOSYSTEMS ENGINEERING 2013, "Assessment of unconventional bioenergy plant chopping, milling and pelleting quality indicators and physical-mechanical properties". 9–10 May 2013, Tartu, **ESTONIA** (Co-authors: Jasinskas A., Simonavičiūtė R., Šarauskis E., Sakalauskas A., Čekanauskas S.).
 40. 4th International Conference on BIOSYSTEMS ENGINEERING 2013, "Relation of energy content variations of straw to the fraction size, humidity, composition and environmental impact". 9–10 May 2013, Tartu, **ESTONIA** (Co-authors: Kalinauskaitė S., Sakalauskas A., Šarauskis E., Jasinskas A., Ahlhaus M.).
 41. International Conference on AGRICULTURAL, BIOTECHNOLOGY, BIOLOGICAL AND BIOSYSTEMS ENGINEERING, "The effect of the disc coulters forms on cutting of spring barley residues in no tillage". 14–15 January 2013, Zurich, **SWITZERLAND** (Co-authors: Šarauskis E., Masilionytė L., Romaneckas K., Kriauciūnienė Z., Jasinskas A.).
 42. International Conference on AGRICULTURAL, BIOTECHNOLOGY, BIOLOGICAL AND BIOSYSTEMS ENGINEERING, "Investigation of pre- treatment parameters of rye and triticale for bioethanol production". 14–15 January 2013, Zurich, **SWITZERLAND** (Co-authors: Jasinskas A., Šarauskis E., Šarauskis R., Sakalauskas A.).
 43. International Scientific Conference "ENGINEERING FOR RURAL DEVELOPMENT", "Working time, fuel consumption and economic analysis of different tillage and sowing systems in Lithuania". 24–25 May 2012, Jelgava, **LATVIA** (Co-authors: Šarauskis E., Buragienė S., Romaneckas K., Sakalauskas A., Jasinskas A., Vaiciukevičius E., Karayel D.).
 44. International Scientific Conference "BIOSYSTEMS ENGINEERING 2012", „Impact of immature willows stems chopping quality on the harmful emissions evaluation“. 10–11 May 2012, Tartu, **ESTONIA** (Co-authors: Jasinskas A., Ulozevičiūtė I., Šarauskis E., Sakalauskas A.).
 45. International Scientific Conference "BIOSYSTEMS ENGINEERING 2012", „Biomass preparation for conversion humidity and value assessment“. 10–11 May 2012, Tartu, **ESTONIA** (Co-authors: Kalinauskaitė S., Sakalauskas A., Jasinskas A., Ahlhaus M., Gerath H.).
 46. International Scientific Conference "ENGINEERING FOR RURAL DEVELOPMENT", "Effect of environmentally friendly tillage machinery on soil properties". 26–27 May 2011, Jelgava, **LATVIA** (Co-authors: Šarauskis E., Romaneckas K., Sakalauskas A., Vaiciukevičius E., Jasinskas A., Buragienė S., Katkevičius E., Karayel D.).
 47. International Scientific Conference "BIOSYSTEMS ENGINEERING 2011", "Determination of energy plant chopping quality and emissions while burning chaff". 12–13 May 2011, Tartu, **ESTONIA** (Co-authors: Jasinskas A., Ulozevičiūtė I., E. Šarauskis, Sakalauskas A., Puskunigis M.).
 48. International Scientific Conference "BIOSYSTEMS ENGINEERING 2011", "Termochemical energy conversion and environmental aspects of straw biomass regeneration". 12–13 May 2011, Tartu, **ESTONIA** (Co-authors: Jasinskas A., Sakalauskas A., Šarauskis E., Kalinauskaitė S., Stollberg C., Gerath H.).

49. International Scientific Conference "FOSTERING HEALTHY FOOD SYSTEMS THROUGH ORGANIC AGRICULTURE – FOCUS ON NORDIC-BALTIC REGION", "Non-chemical weed control in sugar beet crop under an intensive and conservation soil tillage pattern: II. Crop productivity". 25–27 August 2009, Tartu, **ESTONIA** (Co-authors: A. Adamavičienė, K. Romaneckas, V. Pilipavičius, E. Šarauskis).
50. International Scientific Conference "RESEARCH FOR RURAL DEVELOPMENT 2007", "Research of Different Constructions Presswheels of Sugar Beet Seeds". 16–18 May 2007, Jelgava, **LATVIA** (Co-authors: A. Sakalauskas, E. Šarauskis, E. Vaiciukevičius, A. Jasinskas, K. Romaneckas).
51. International Scientific Conference "RESEARCH FOR RURAL DEVELOPMENT 2007", "Estimation of Physical-Mechanical Properties of Bioenergy Plants with Big Stems". 16–18 May 2007, Jelgava, **LATVIA** (Co-authors: A. Jasinskas, A. Sakalauskas, E. Šarauskis, E. Vaiciukevičius).
52. International Scientific Conference "ENGINEERING FOR RURAL DEVELOPMENT", "Investigation of technological processes of winter wheat sowing in different agricultural systems". 16–18 May 2007, Jelgava, **LATVIA** (Co-authors: A. Sakalauskas, E. Šarauskis, E. Vaiciukevičius).
53. International Scientific Conference "AGRICULTURE BETWEEN TRADITION AND INTENSIVIZATION", "The influence of soil rolling time and methods on sugar beet seedbed formation". 19–20 October 2006, University of Agricultural Sciences and Veterinary Medicine, **ROMANIA** (Co-authors: K. Romaneckas, E. Šarauskis).
54. International Soil Tillage Research Organisation 16th Triennial Conference: "SOIL MANAGEMENT FOR SUSTAINABILITY", "The Investigation by the Kritz Method of Sugar Beet Seedbed under Different Soil Tillage and Sowing Patterns in Lithuania". 13–18 July 2003. The University of Queensland-Brisbane **AUSTRALIA** (Co-authors: K. Romaneckas, E. Šarauskis).
55. International Scientific Conference "АКТУАЛЬНЫЕ ПРОБЛЕМЫ ИНЖЕНЕРНОГО ОБЕСПЕЧЕНИЯ", "Исследование путей снижения потерь уборки семян рапса в условиях Литвы" 2003, Ярославль. **RUSSIA** (Co-authors: V. Butkus, R. Domeika, E. Šarauskis).
56. International Scientific Conference: "AGRICULTURAL ENGINEERING FOR ENVIRONMENTAL PROTECTION", "Begründung von technologischen Parametern der Kombisätschar für Direktsaat von Zuckerrüben". 10–11 October 2002, Halle/Saale, **GERMANY** (Co-authors: E. Šarauskis, L. Špokas).
57. International Scientific Conference "AGRICULTURAL MACHINERY, BUILDINGS, ENERGY AND HYDRAULIC ENGINEERING", "Research of sugar beet direct drilling". 22 November 2002, Tartu, **ESTONIA** (Co-authors: E. Šarauskis, L. Špokas).
58. International Scientific Conference "AGRICULTURAL MACHINERY, BUILDINGS, ENERGY AND HYDRAULIC ENGINEERING", "Substantiation of technological parameters of complex coulters in sugar beet direct seeding". 22 November 2002, Tartu, **ESTONIA** (Co-authors: E. Šarauskis, L. Špokas).

**International and
National Conference in
Lithuania
(over 40)**

1. 9th International Scientific Conference “Rural Development 2019: Research and Innovation for Bioeconomy”, Poster “Multi-criteria consolidation of different bio-effects in agriculture”, VDU ŽŪA, 26–28 September, 2019 (co-authors: Naujokienė, Vilma; Bagdonienė, Indrė; Bleizgys, Rolandas; Rimkuvienė, Daiva; Šarauskis, Egidijus)
2. International Scientific-Practical Conference “Human and Nature Safety 2019”, “Reducing soil compaction using various wheels and track: a review”, VMU, May 8–10, 2019 (Co-authors: Zabrodskiy, Andrii; Šarauskis, Egidijus; Kukharets Savellii; Juodelytė, Jūratė).
3. International Scientific-Practical Conference “Human and Nature Safety 2019”, “Effect of different soil tillage processes on environmental pollution: Review”, VMU, May 8–10, 2019 (Co-authors: Saldukaitė, Lina; Šarauskis, Egidijus; Berzinytė, Deimantė).
4. International Scientific-Practical Conference “Human and Nature Safety 2019”, “Research of traditional ploughing plow with ring rollers”, VMU, May 8–10, 2019 (Co-authors: Kasiulis, Edvinas; Šarauskis, Egidijus).
5. International Scientific-Practical Conference “Human and Nature Safety 2019”, “Influence of pneumomechanical seeding fan RPM on diversity of seed distribution”, VMU, May 8–10, 2019 (Co-authors: Kazlauskas, Andrius; Šarauskis, Egidijus).
6. International Scientific Conference: AgroEco2018. “The response faba bean productivity to soil tillage intensity”, ASU, October 2–5, 2018 (Co-authors: Romaneckas, Kęstutis; Kimbirauskienė, Rasa; Adamavičienė, Aida; Sinkevičienė, Aušra; Bogužas, Vaclovas; Šarauskis, Egidijus; Butkus, Vidmantas; Jasinskas, Algirdas; Buragienė, Sidona).
7. 26th NJF Congress: Agriculture for the Next 100 Years. „Relations between soil properties and CO₂ gas emissions from differently tilled maize cultivation“. ASU, June 27–29, 2018. (Co-authors: Adamavičienė A., Buragienė S., Romaneckas K., Šarauskis E., Smalstienė V., Čepulienė R.)
8. International Scientific conference „Rural Development 2017: Bioeconomy Challenges“, „Weed control methods in sugar beet cultivation“, ASU November 23-24, 2017. (Co-authors: Eimutyte E., Romaneckas K., Adamavičienė A., Šarauskis E., Čekanauskas S., Kimbirauskienė R.)
9. International scientific conference „Rural Development 2017: Bioeconomy Challenges“, „Impact of soil tillage intensity on faba bean cultivation“, ASU 23-24 November, 2017. (Co-authors: Kimbirauskienė R., Romaneckas K., Adamavičienė A., Sinkevičienė A., Butkus V., Šarauskis E., Čekanauskas S., Eimutyte E.)
10. International scientific conference „AgroEco 2016“, „Long-term Agroecosystem Sustainability Links between Carbon Sequestration in Soils, Food Security and Climate Change“, ASU 4-6 October, 2016. (Co-authors: Eimutyte E., Adamavičienė A., Pupalienė R., Šarauskis E., Oksas M., Kimbirauskienė R., Čekanauskas S., Romaneckas K.)
11. International scientific conference „Engineering for Sustainable Development of Agriculture“, „The influence of biological preparations on soil tillage, organic waste and the environment“, ASU 21-23 September, 2016 (Co-authors: Naujokienė V., Šarauskis E., Romaneckas K., Liakas V., Adamavičienė A., Buragienė S., Sasnauskienė J., Gusiatin M.)
12. International scientific conference „Engineering for Sustainable Development of Agriculture“, „Analysis of soil measuring devices and factors influencing their performance“, ASU 21-23 September, 2016 (Co-authors: Juknevičius D., Steponavičius D., Šarauskis E., Jovarauskas D.)
13. International scientific conference „Rural Development 2015: Towards the Transfer of Knowledge, Innovations and Social Progress“, „Assesment of herbal plant biofuel pellet quality indicators“, ASU 19-20 November, 2015 (Co-authors: Jasinskas A., Šarauskis E., Gutautaitė A., Mašek J.)
14. International scientific conference „Rural Development 2015: Towards the Transfer of Knowledge, Innovations and Social Progress“, „Weed control methods in sugar beet cultivation“, ASU 19-20 November, 2015 (Co-authors: Eimutyte E., Romaneckas K., Pantelejenkovaitė V., Šarauskis E., Buragienė S., Adamavičienė A.)
15. International scientific conference „Economics and management science & studies - innovative solutions“: second international scientific-practical conference. „Demand of applied research for rural development in Lithuania“. Vilnius: Lietuvos agrarinės ekonomikos institutas, June 26-27, 2015 (Co-authors: Aleknevičienė, Vilija; Skulskis, Virgilijus; Šarauskis, Egidijus; Kriauciūnienė, Zita; Šakickienė, Asta)

And other

**Main Research Projects
(Total 33)**

1. Project "Investigation of technological parameters of precision spreading of different organic fertilizers". This research was funded from company. **Head** of the Project, 2019-2021.
2. Project "Technical-technological aspects of the application of a fertilizer or meliorant application topically to the soil layer and / or subsoil on a Scarabeus agricultural machine". This research was funded from company. **Head** of the Project, 2019.
3. Project "Promotion of the Communication and Technology Transfer Center". This project was founded from CPVA. Mentor of Project, 2018-2021.
4. Project "Precision fertilization based on soil organic carbon content using biological preparations". This research was funded from company. **Head** of the Project, 2019-2021.
5. International project FP7-ERANET-2013-RTD. ICT-AGRI 2. "Information and Communication Technologies and Robotics for Sustainable Agriculture". Project Manager, 2014-2017.
6. Project "Optimization and assessment of efficiency of agro-engineering parameters for precision soil tillage and sowing. **Head** of the Project, 2017-2018.
7. Project „The research of the exact strip tillage and sowing machines working technological operations and complex evaluation of the effectiveness“. This research was funded by a grant No MT/16-29 from the Lithuanian Ministry of Agriculture. **Head** of the Project, 2016-2018.
8. Project "The effect of biological preparation on tillage machines work processes and energy consumption". This research was funded by a grant No MT/15-35 from the Lithuanian Ministry of Agriculture. **Head** of Project, 2015-2017.
9. Project "Biological seed treaters and manure and the impact to winter rape residues in soil degradation process simulations". This research was funded from company. **Head** of the Project, 2015-2016.
10. Project "Fibrous plant preparation and usage biofuel technological-technical justification and technology energy-environmental assessment". This research was funded by a grant from the Lithuanian Ministry of Agriculture. Executor of project, 2015-2016.
11. Project "Research of technological processes of tillage machine working parts in unploughed soil. This research was funded from company. **Head** of the Project, 2014-2015.
12. Project "Justification and energy assessment of technological parameters of the experimental machine for strip tillage and sowing". This research was funded by a grant No MT/16-29 from the Lithuanian Ministry of Agriculture. **Head** of the Project, 2014–2015.
13. Project "The influence of bio-organic fertilizers on soil properties, sugar beet crop development, productivity and economic effectiveness". This research was funded from company. Executor of project, 2014.
14. Project "Perennial grasses and non-traditional herbaceous plants (elephant grass, sida, cup plant, tall grasses) and their mixtures usage for pressed biofuel production"". This research was funded by a grant from the Lithuanian Ministry of Agriculture. Executor of project, 2013-2014.
15. Project „Scientific recommendations of the applied research and innovation development of agriculture, food, fisheries and rural development in 2014-2020“. This research was funded by a grant No. MT/12-16 from the Lithuanian Ministry of Agriculture. **Head** of the Project, 2012-2013.
16. Project „Research of soil, environment and energy-saving tillage machine technological processes “. This research was funded by a grant No MIP-116/2012 from the Research Council of Lithuania. **Head** of the Project, 2012-2014.
17. Project "Jerusalem artichoke (Helianthus tuberosus) biomass production and processing technology for energy conversion and rational scientific evaluation". This research was funded from company. Executor of project, 2012-2013.
18. Project "Plant biomass (straw, grasses, woody plants, etc.) harvesting and biofuels processing technologies by usage of the dispergation method". This research was funded by a grant No MT/11-25 from the Lithuanian Ministry of Agriculture. Executor of project, 2011-2012.
19. Project "Environment and energy-saving machinery in agriculture". Project is carried out implementing 2007-2013 Lithuanian Rural Development Program. Project Manager, 2010-2013.
20. Project „Investigation of technological processes on the technical means of environmental protection soil tillage“. This research was funded by a grant No. T-63/09 by the Lithuanian State Fund of Science and Studies“. **Head** of the Project, 2009.
21. Project „ Research of progressive tillage and sowing technologies and technical means“. Financed by company „Kretuvos Agroservisas“, No I-06-41/08. Executor of project, 2008-2011.
22. Project „ Integrated investigation of technological processes of interaction between seeding machine disc coulters and soil and yield remains “. This research was funded by a grant No G-22/07 by the Lithuanian State Fund of Science and Studies. Executor of project, 2007.

Main Research Projects

23. Project „Investigation of technological processes of seeding-machines in different agricultural systems“. This research was funded by a grant No G-35/06 by the Lithuanian State Fund of Science and Studies. Project Manager, 2006.
24. Project “Research of minimum tillage technology and integrated management systems that integrate precise farming, business and machine management, agronomic information“. This research was funded by a grant No G-115 by the Lithuanian State Fund of Science and Studies. Project Manager, 2003-2004
25. And other

Study and textbooks

1. Study book: Šniauka P., Šarauskis E. Basics of agricultural machinery theory. Aleksandras Stulginskis University. Faculty of Agricultural Engineering. Institute of Agricultural Engineering and Safety. 2014, 113 p.
2. **Handbook:** Romaneckas K., Pilipavičius V., Trečiokas K., Šarauskis E., Liakas V. Basics of agronomy. Aleksandras Stulginskis University. 2012. 438 p.
3. Textbook: Šarauskis E. Landscape management machinery. Aleksandras Stulginskis University. Faculty of Agricultural Engineering. Institute of Agricultural Engineering and Safety. 2012, 113 p.
4. Textbook: Sakalauskas A., Šarauskis E., Šniauka P., Vaiciukevičius E., Zinkevičius R. Engineering of crop technology. Aleksandras Stulginskis University. Faculty of Agricultural Engineering. Institute of Agricultural Engineering and Safety. .Akademija. 2012, 131 p. <http://dspace.lzuu.lt/handle/1/1709>
5. **Handbook:** Šarauskis E. Municipal machines. Lithuanian University of Agriculture. Faculty of Agricultural Engineering. Department of Agricultural Machinery. Akademija, 2010, 211 p.
6. Textbook: Vaiciukevičius E. Šarauskis E., Zinkevičius R. Mineral and organic fertilizer spreading and insertion machines. Lithuanian University of Agriculture. Faculty of Agricultural Engineering. Department of Agricultural Machinery. VŠĮ „Spalvų kraitė“, 2007, 80 p.
7. Textbook: Šarauskis E. Municipal Equipment. Lithuanian University of Agriculture. Faculty of Agricultural Engineering. Department of Agricultural Machinery. Akademija, 2005, 94 p.
8. Textbook: Šarauskis E., Sakalauskas A. Sowing machines. Lithuanian University of Agriculture. Faculty of Agricultural Engineering. Department of Agricultural Machinery. Akademija, 2004, 49 p.

Main memberships

- Full member of the Lithuanian Academy of Sciences
- Member of join committee of doctoral study (Technological Science, Environmental Engineering)
- Chairman of the exhibits evaluation committee
- Member of the Association of European Agricultural Engineers (EurAgEng)
- Member of the Association of German Engineers (VDI)
- Member of the Lithuanian DAAD club
- Member of Editorial Board of International Journal „AGRICULTURAL ENGINEERING“. ISSN 1392–1134. Aleksandras Stulginskis University, Faculty of Agricultural Engineering, LITHUANIA
- Member of International Scientific Committee of International Symposium "ACTUAL TASKS ON AGRICULTURAL ENGINEERING" 2017, University of Zagreb, CROATIA
- Member of Scientific Committee & Advisory Board of International Journal „ANNALS OF FACULTY ENGINEERING HUNEDOARA – INTERNATIONAL JOURNAL OF ENGINEERING“ (ISSN 1584–2665), University Politehnica Timisoara, Faculty of Engineering Hunedoara, ROMANIA

Main awards

- 1st prize at the Science Prize Competition (with co-authors) (2019)
- Grant for internship at Ghent University in Belgium (2019)
- Memorial medal for sincere pedagogical and productive scientific work (2018)
- Scientist of the Year 2017, Aleksandras Stulginskis University
- Scientist of the Year 2014, Aleksandras Stulginskis University
- State scholarship for young scientist (2003)
- DAAD Scholarship for postdoctoral studies at Hohenheim University in Germany
- DAAD Scholarship for Master's studies at Martin-Luther Halle-Wittenberg University in Germany (1995-1997)