

A MAGYAR
TUDOMÁNY
ÜNNEPE



3rd International Scientific Conference on Rural
Development entitled
"Digitization in Rural Spaces –Challenge and/or
Opportunity?"



SZENT ISTVÁN
UNIVERSITY



FACULTY OF AGRICULTURAL AND ECONOMIC STUDIES
SZARVAS



NEMZETI AGRÁRGAZDASÁGI KAMARA



BÉKÉS MEGYEI
KORMÁNYHIVATAL



CONFERENCE PROGRAMME

A MAGYAR
TUDOMÁNY
ÜNNEPE



ÉRTÉKTEREMTŐ TUDOMÁNY

A MAGYAR TUDOMÁNY ÜNNEPÉNEK 2019-ES MOTTÓJA



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DATE: THURSDAY, 14 NOVEMBER, 2019

**VENUE: SZENT ISTVÁN UNIVERSITY FACULTY OF AGRICULTURAL
AND ECONOMIC STUDIES**

ADDRESS: 5540 SZARVAS, SZABADSÁG STR. 1-3. HUNGARY.

Szent István University Faculty of Agricultural and Economic Studies,
Institute of Agricultural Sciences and Rural Development (SZIU FAES),
Hungary,
Banat's University of Agricultural Sciences and Veterinary Medicine "King
Michael I of Romania" from Timisoara Faculty of Agriculture and Faculty of
Management and Rural Tourism, and
Hungarian Academy of Sciences Regional Committee in Szeged, Logistics
Working Committee
in cooperation with the Government Office for Békés County, Hungarian
Chamber of Agriculture Békés County Directorate and Hungarian Chamber
of Hunters Branch of Békés County
cordially invites You to

**3rd International Scientific Conference on Rural Development
entitled
"Digitization in Rural Spaces –Challenge and/or Opportunity?".**

The aim of the conference:

Infocommunication, digitization, automatization – these are standard calling words and phenomena in today's global economy. The Fourth Industrial Revolution creates new business model and jobs in all industries. But what do these dimensions mean for the European countryside? What will their impact be on the retention of rural population, employment, agricultural production, food economy and sustainable development?



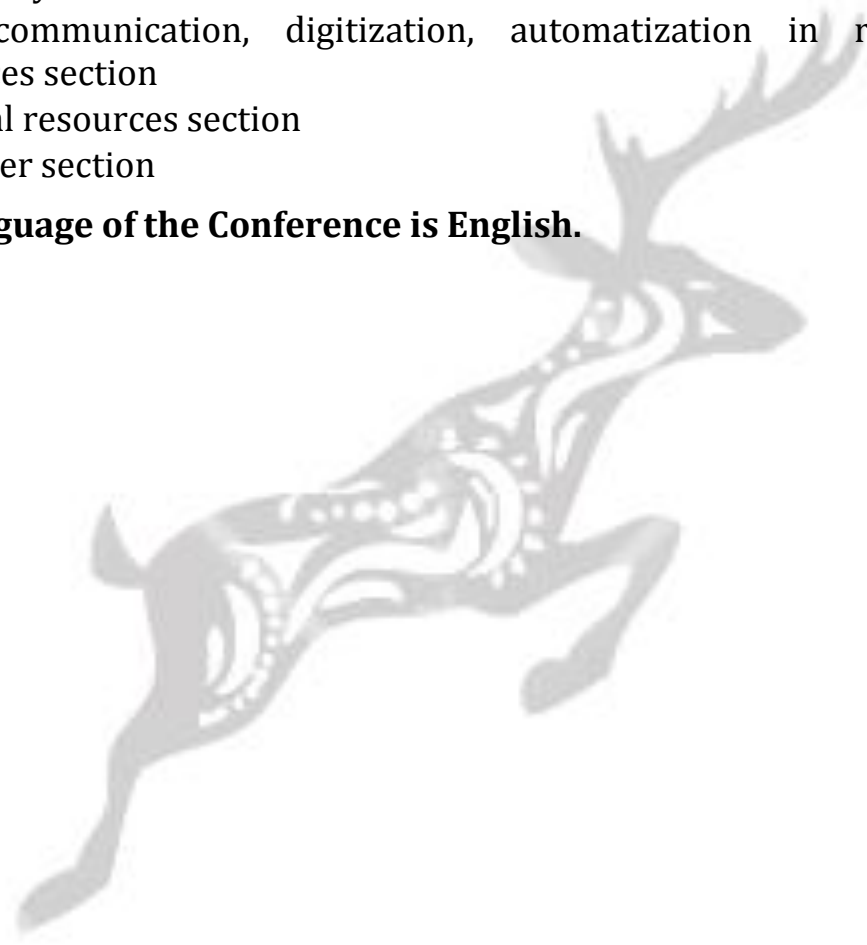
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The aim of the conference is to provide practitioners, creators of rural development and representatives of scientific community with scientific tools and methods to practise common thinking and outline effective problem-solving methods.

Sessions of the conference:

- Session in Agricultural Management, Agricultural Support and Employment 1st section
- Session in Agricultural Management, Agricultural Support and Employment 2nd section
- Infocommunication, digitization, automatization in rural spaces section
- Local resources section
- Poster section

The official language of the Conference is English.





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Conference program

Time	
08.30-09.30	Registration
09:30-10.00	<u>Opening ceremony, welcome speeches</u> Auditorium "Tessedik" Dr. Zoltán Futó, dean, SZIE-AGK Sándor Farkas, Parliamentary State Secretary and Deputy Minister, Ministry of Agriculture Dr. Attila Rákóczi, Director - General Government Office for Békés County Dr. László Kulcsár, county president, The Hungarian Chamber of Agriculture Prof. Dr. Adam Gadomski, vice-rector, UTP Bydgoszcz, Poland Prof. Dr. Ioan Brad, dean, USAMVB Faculty of Management and Rural Tourism, Timisoara, Romania Prof. Dr. Florin Imbrea, dean, USAMVB Faculty of Agriculture, Timisoara, Romania
	<u>Plenary Session</u>
10.00-10.15	Signing ceremony of Memorandum of Understanding with Prof. Dr. Adam Gadomski vice-rector UTP University of Science and Technology Bydgoszcz (Poland)
10.15-10.45	Prof. Dr. Jacek Dlugosz: Introduction of the UTP University of Science and Technology Bydgoszcz (Poland)
10.45-11.15	Dr. Piotr Prus: Stimulating innovation in rural areas and agriculture on the example of the EIP-AGRI Operational Group "Ancient Grain" (UTP Bydgoszcz, Poland)
11.15-11.45	Prof. Dr. Tihomir Zoranovic: IT skills in rural areas of the region with case study (University of Novi Sad, Serbia)
11.45-12.30	Dr. Cosmin Salasan: Bridging innovation and problems for small farms and agricultural households (USAMVB Timisoara, Romania)
12.45-14.00	Lunch
14.00-17:00	Session – Lectures, presentations with coffee breaks
18.00-	Meeting for Professionals

„Session in Agricultural Management, Agricultural Support and Employment” 1st Section		
Room: 207		
Cochairs: Andrea Feher PhD (USAMVB), Andrea Molnár Détárné (BMKH)		
14.00-14.15	Attila Rákóczi (SZIE-AGK)	The public administration system in the conservation of landscape elements
14.15-14.30	Diána Knap Magyaréné, Sándor Csikós, Mária Szappanos (BMKH)	Working methods of the government office department carrying out the delegated duty of a payment agency to assist successful drawdown of funds in relation to the Rural Development Programme
14.30-14.45	Zoltán Bacsa (BMKH)	The use of drones in plant protection
14.45-15.00	László Mihalik (BMKH)	Anomalies in the rules governing the authorization of other uses of land
15.00-15.15	Antal Valki (BMKH)	The Role of Roe Deer Trophy Evaluation in the Game Hunting Administration
15.30-15.45	László Farkas (BMKH)	The impact of habitat transformation on wildlife and the examination of options to move forward
15.45-16.00	Ferenc Boros (BMKH)	The past, present and future of the european hare in Békés County
16.00-16.15	Tibor Zuberecz (BMKH)	Damage caused to nature and wildlife by human activities
16.15-16.30	Pál Medovarszky (BMKH)	The role of public employment in the employment of Békés county



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„Session in Agricultural Management, Agricultural Support and Employment” 2nd Section		
Room: 208		
Cochairs: Laura Smuleac PhD (USAMVB), Zoltán Futó (SZIE-AGK)		
14.00-14.15	Andrea Feher (USAMVB)	Sustainable development through education
14.15-14.30	Árpád Duczon (PTE-KTK)	„Sustainable” local agriculture in an industry-oriented country
14.30-14.45	Árpád Duczon (PTE-KTK)	The opportunities of the agrarian models in the South Transdanubian region
14.45-15.00	Andrea Rákóczi (NAK)	The effects of the electronic license for traditional small-scale producers
15.00-15.15	Katalin Kárász (SZIE EGYRTDI)	Whitening seasonal work – Who’s benefitting from the registration of day labour?
15.30-15.45	Tímea Győri, Krisztián Járdány (SZIE EGYRTDI)	Comparison of Hungarian labor market databases

„Infocommunication, digitization, automatization in rural spaces” Section

Room: 305

Cochairs: Prof. Roman Rolbiecki (UTP), Balázs Duray PhD (SZIE-AGK)

14.00-14.15	Gergely Buday (EKE)	Information Technology and Computer Science for Rural Development
14.15-14.30	Balázs Károly Tóth (SZTE GTK)	The estimation of digitalization in the district of a small rural city based on social media data
14.30-14.45	Balázs Duray, Krisztián Járdány (SZIE-AGK, SZIE-EGYRDTI)	Opportunity of Digitalization For Mapping Supply Chains of the Hungarian Grape Wines
14.45-15.00	Éva Tóth, Judit Poór, Gábor Lukács (PE-GK)	Investigations of the importance of key competences among future agricultural managers
15.00-15.15	József Horváth, István Szabó (SZTE)	Is FarmBot a Good Investment?

„Local resources” Section		
Room: 106		
Cochairs: Todor Marković PhD (UNS), Zoltan Egri PhD (SZIE-AGK)		
14.00-14.15	Orsolya Pócsik, György Iván Neszmélyi (SZIE EGYRTDI, BGE)	Foreign Direct Investments (FDI) in V4 countries
14.15-14.30	Marton Czikkely (SZIE-GTK)	Business model development to improvement of water supply
14.30-14.45	Marton Czikkely (SZIE-GTK)	Sustainability aspects of industrial ecosystems
14.45-15.00	Angela Szanati, Zsuzsanna Bacsi (PE-GK)	Water, as a "cultural" service in soft tourism of Hévíz
15.00-15.15	Ferenc Arany (SZIE EGYRTDI)	National values in Bekes county
15.30-15.45	Klára Glózik (SZIE-AGK)	Cultural tourism and thematic trips - The role of Mihály Munkácsy in tourism in Békéscsaba
15.45-16.00	Lukács Gábor, Éva Tóth, Zsuzsanna Bacsi (PE-GK)	Some Aspects of Rural Development in Hungarian Agricultural Literature At The End of 18th Century
16.00-16.15	Gabriella Bánhegyi, Ervin Sánduly, Annamária, Sándor, Éva Tóth (PE-GK)	Enhancing rural livelihoods by diversification - Transylvania



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Poster Section
Corridor (12.00-)
Cochairs: Dr. Cosmin Salasan (USAVMB), Ferenc Arany (SZIE-AGK)
Attila Rákóczi (SZIE-AGK): Effect of the 2014-2020 common agricultural policy's onto the aricultural areas
Orsolya Kedves, Teodóra Bata, Bettina Bencsik Bóka, László Kredics, Csaba Vágvölgyi (SZTE): Biological control of abiotic stress on crop plants
Klaudia Urbán (BMKH): Apiculture support payments and their characteristics in Békés county
Sándor Virág (SZIE-AGK): A Study of Formation of Soil Cultivation Errors and Their Environmental Effects on Bound Soil
Krizsán Anett, Urbán Klaudia (BMKH): Legal backgrounds of the unique landscape elements in the rural areas
Nóra Laurinyecz, Brigitta Zsótér (SZTE): Economics of modernization in cold storage
Bence Bagi, Brigitta Zsótér (SZTE): Budgeting and business planning for a fruit processing facility
Benigna Zs. Erdős, Nóra Baranyai Hegedűsné, Szilvia Csányi: Analysis of the development of Körmen district with special regard to the district centres
Todor Marković, Željko Kokot (UNS): Area-Revenue Insurance as Risk Management Instrument in Serbian Agriculture
Károly Bodnár, Zoltán István Privóczi (SZIE-AGK): Trade of agricultural land in Békés County
Gábor Koncz, Dávid Hajdú (EKE-AVK, SZIE EGYRTDI): Regional differences of adult education by counties of Hungary
Brad Ioan, Dincu Ana-Mariana, Gherman Remus (USAMVB): Development strategies regarding the renewal of romanian tourism
Zoltán Egri (SZIE-AGK): Territorial economic development and inequalities in one of the peripheral counties of Hungary
Dávid Hajdú, Gábor Koncz (SZIE EGYRTDI, EKE-AVK): Characteristics of adult education in Hungary compared to the European Union
Ildikó Zima Szalókiné (SZIE-AGK): Impacts of irrigation and fertilisation on the yield, water consumption and water utilisation of seed grown yellow onion
András Barczy, J. Patko, Valéria Nagy, Attila Barczy (SZIE, SZTE): Soil humidity detection on "A" and "B" layers with color measuring, helping the irrigation with drone sensors
Viktoria Szuts, Mónika Bakos Tiborné, Dora Csercsics, Eniko Varga, Betty Ughy, Otto Zsíros, Fanny Balog-Víg, Ferenc Ötvös, Krisztina Gajdán, Erika Ács, Matúz János, Vesela Chalova, Balázs P. Szabó, Antal Véha, Gyimes Ernő (SZTE, BRC, CRN, UFT): Parameters of Hungarian rice and rice cake domestication with apricot or grape
Viktoria Szuts, Zoltán Répás, András Kovács, Zsolt Szegetes, Tibor Szücs, Ildikó Domonkos, Győző Garab, Ferenc Ötvös, Krisztina Gajdán, Balázs P. Szabó, Antal Véha, Csaba Vágvölgyi, Katalin Halasy (SZTE, BRC, UVM): Function of kv4.x potassium ion channel altered by of 6-epi-ophiobolin A in skeletal muscle
Laura Şmuleac, Imbrea Florin, Adrian Şmuleac, Mirela Ahmadi (USAMVB): The Use of UAV technology for digitizing natural resources
Adamov Tabita Cornelia, Iancu Tiberiu, Andrea Feher, Brad Ioan, Ramona Ciolac, Gabriela Popescu (USAMVB): The Role Of Tourism In Sustainable Economic Development



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SCIENTIFIC COMMITTEE OF THE CONFERENCE

DR. TABITA ADAMOV (USAMVB, Timisoara, Romania)
PROF. DR. BODNÁR KÁROLY (SZIE AGK, Szarvas, Hungary)
PROF. DR. IOAN BRAD (USAMVB, Timisoara, Romania)
PROF. DR. JACEK DLUGOSZ (UTP, Bydgoszcz, Poland)
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