



152nd EAAE Seminar

EMERGING TECHNOLOGIES AND THE DEVELOPMENT OF AGRICULTURE



30th August – 1st September 2016, Novi Sad, Serbia

Venue:

Banovina Palace – Seat of Assembly of the Autonomous Province of Vojvodina

General Sponsor



MK Group d.o.o., Belgrade, Serbia

Financial support

Ministry of Education, Science and Technological Development of the Republic of Serbia

Provincial Secretariat for Agriculture, Water Management and Forestry,
Government of the Autonomous Province of Vojvodina, Republic of Serbia

SEMINAR PROGRAMME

1st day - Tuesday, 30th August

08:30-10:00 Registration of participants

10:00-10:15 Opening ceremony and Welcome speech

10:15-11:15 Plenary Session - Large Conference Room

Chairpersons: **Imre Ferto, Jelena Birovljev, Danilo Tomić**

✓ *Keynote speakers - Invited paper:*

30 min **Johan Swinnen** - Past president of IAAE, University of Leuven, Belgium
Value Chains and Technology Transfer in Global Agri-Food Systems

30 min **Bernhard Brümmer** - University of Göttingen, Germany
Emerging Technologies in EU Agriculture

11:15-11:30 MK Group - Presentation of General Sponsor

11:30-12:00 Welcome cocktail

12:00-13:30 Contributed papers - 3 parallel sessions (Room 1, 2, 3)

Session One - Room 1 (Chairman: **Slađan Stanković**)

The Role of Technology in Sustainable Agriculture and Food Security

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| I/1 | Imre Ferto | <i>Innovation in the Hungarian food economy - A reexamination</i> |
| I/2 | Nataša Kljajić,
Vesna Paraušić,
Aleksandar Rodić | <i>Techno-economic feasibility and the potential use of portable solar irrigation systems in agro-production sector</i> |
| I/3 | Guna Salputra,
Ignacio Pérez Domínguez,
Thomas Fellmann,
Jesús Barreiro Hurlle,
Mihaly Himics,
Heinz-Peter Witzke,
Franz Weiss | <i>Possible impacts of EU GHG mitigation policy on Western Balkans agricultural markets</i> |

QUESTIONS AND DISCUSSION

Session Two - Room 2 (Chairman: **Tatjana Brankov-Papić**)

New Technologies and Changes in Supply Chain Organization and Performance

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| II/1 | Miladin Ševarlić,
Sofija Mladenović,
Rade Nastić,
Marko Živković,
Luka Živković | <i>New technologies in precise agriculture and possibilities of application in Serbia</i> |
|------|---|---|

II/2	Zorica Vasiljević, Vlado Kovačević, Sladjan Stanković	<i>Farm accountancy data network as a tool for measuring efficiency of applied new technologies in agriculture</i>
II/3	Anka Popović-Vranješ, Branislav Vlahović, Anka Kasalica, Marija Jevtić, Goran Grubješić, Tijana Lopičić-Vasić	<i>Production of hard cheese for the Russian market</i>
II/4	Francesco Contò, Claudio Zaza, Nicola Faccilongo	<i>ICT platform to improve farms capabilities</i>

QUESTIONS AND DISCUSSION

Session Three - Room 3 (Chairman: **Boris Kuzman**)

Technology Transfer and Impact on Agricultural and Rural Development

III/1	Alexander Itskovich, Elena Patrina	<i>Technology transfer in contribution to regional development through aquaculture production</i>
III/2	Predrag Vuković, Vesna Popović, Slavica Arsić	<i>Implementation of information technology in rural tourism in the Republic of Serbia</i>
III/3	Michele Vollarò, Davide Viaggi	<i>Impacts of R&D investments on European agriculture</i>

QUESTIONS AND DISCUSSION

13:30-15:00 Lunch time

15:00-16:30 Contributed papers - 3 parallel sessions (Room 1, 2, 3)

Session One - Room 1 (Chairman: **Rade Popović**)

The Role of Technology in Sustainable Agriculture and Food Security

I/1	Slaviša Đukanović	<i>Contemporary utilisation of renewable energy sources</i>
I/2	Jorgen Dejgaard Jensen	<i>Bio-refining agricultural crop products into high-value materials – Economic impacts on the agricultural sector</i>

QUESTIONS AND DISCUSSION

Session Two - Room 2 (Chairman: **Vlado Kovačević**)

New Technologies and Changes in Supply Chain Organization and Performance

II/1	Boris Kuzman, Milan Stegić, Nemanja Tasić	<i>Revealed comparative advantage in corn seed trade between Serbia and EU measured by MORTA</i>
II/2	Jernej Prišenk, Ivo Grgić, Jernej Turk	<i>How to identify the value-based food chains: A Slovenian case study</i>
II/3	Rade Popovic, Danilo Djokic, Zana Kleut	<i>Efficiency improvement of soybean production in Serbia</i>
II/4	Jonas Kathage, Emilio Rodriguez-Cerezo, Manuel Gomez-Barbero	<i>Impact of neonicotinoid restrictions on pest management</i>

QUESTIONS AND DISCUSSION

Session Three - Room 3 (Chairman: **Todor Marković**)

Technology Transfer and Impact on Agricultural and Rural Development

III/1	Biserka Komnenić, Danilo Tomić	<i>The agricultural knowledge and information system: research and technology adoption in Serbian agricultural sector</i>
III/2	Oane Visser	<i>Foreign investment, new technologies and labour relations in Russian super large farms</i>
III/3	Bojan Matkovski, Danilo Đokić, Stanislav Zekić	<i>Export performances of agricultural sector of the Western Balkan countries</i>

QUESTIONS AND DISCUSSION

16:30-18:00 Free time

18:00-20:00 Dinner

2nd day - Wednesday, 31th August

10:00-11:00 Plenary Session - Large Conference Room

Chairpersons: **Vasiljević, Branislav Vlahović, Snežana Janković**

✓ *Keynote speakers - Invited paper:*

30 min **Koviljko Lovre** - Faculty of Economics, University of Novi Sad, Serbia
Technical Change in Agricultural Development of the Western Balkan Countries

30 min **Jonel Subić** - Institute of Agricultural Economics, Belgrade, Serbia
Application of Robot System in Agriculture - Case Study of Serbia

11:00-11:30 Coffee break

11:30-12:30 Contributed papers - 3 parallel sessions (Room 1, 2, 3)

Session One - Room 1 (Chairman: **Goran Vasić**)

The Role of Technology in Sustainable Agriculture and Food Security

I/1	Tatjana Brankov, Marinko Kresoja	<i>Improving information technology for food safety in Serbia</i>
I/2	Abiodun Elijah Obayelu, John Adeoti, Rene Kemp, Jacinta Ndichu, Julian Blohmke	<i>Determinants of changes in sale of renewable energy technologies (RETs) in Nigeria and Kenya</i>

QUESTIONS AND DISCUSSION

Session Two - Room 2 (Chairman: **Michele Vollaro**)

New Technologies and Changes in Supply Chain Organization and Performance

II/1	Predrag Ikonić, Tatjana Tasić, Aleksandra Novaković, Jovanka Lević, Olivera Đuragić	<i>Support to small producers of traditional meat products to improve production process and raise capacity</i>
II/2	Anka Popović-Vranješ, Snežana Janković, Rade Jovanović, Tijana Lopičić-Vasić, Goran Grubješić	<i>Models of successful family business on farms based on the production of milk and traditional dairy products</i>
II/3	Željko Kokot, Todor Marković	<i>Economic justification of apple storage</i>

QUESTIONS AND DISCUSSION

Session Three - Room 3 (Chairman: **Jernej Prišenk**)

Technology Transfer and Impact on Agricultural and Rural Development

III/1	Olagunju Oluseyi Kehinde, Nikola Trendov	<i>Welfare impact of rural infrastructure in Nigeria</i>
III/2	Goran Vasić	<i>Support of use of renewable energy sources as well as an instrument of rural development</i>
III/3	Michele Vollaro, Meri Raggi	<i>Does farmers' awareness of innovation availability improve farm-level profitability?</i>

QUESTIONS AND DISCUSSION

12:30-14:00 Lunch time

14:00-15:30 Closing Plenary Session

Moderator:

Danilo Tomić

Panelists:

Johan Swinnen, Bernhard Brümmer, Koviljko Lovre, Jonel Subić

15:30-19:00 Field trip to Sremski Karlovci (10 km from Novi Sad)

19:00-22:00 Banquet - Restaurant Dunav

3rd day - Thursday, 1st September

10:00-11:30 Round table:

The Perspectives of European Agricultural Economics Profession

Moderator:

Koviljko Lovre

Discussions:

Imre Fertó, Johan Swinnen, Zorica Vasiljević, Bernhard Brümmer