



FACULTY OF AGRICULTURE
University of Banja Luka
in cooperation with



University of Ljubljana
Biotechnical Faculty

Biotechnical Faculty
University of Ljubljana



Faculty of Agriculture
University of Novi Sad



Biotechnical Faculty
University of Montenegro



Faculty of AgriSciences
Mendel University in Brno



Mediterranean Agronomic
Institute of Bari



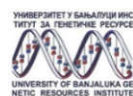
Institute of Field and Vegetable
Crops Novi Sad



Faculty of Horticulture and
Business in Rural
Development
University of Agricultural
Sciences and Veterinary
Medicine of Cluj-Napoca



Faculty of Agro biotechnical
Sciences
Josip Juraj Strossmayer
University of Osijek



Institute of Genetic
Resources
University of Banja Luka



Agricultural Institute
of the Republic of Srpska



Regional Rural Development
Standing Working Group
(SWG)



RebResNet Scientific Network



Ss. Cyril and Methodius
University of Skopje Faculty
of Agricultural Sciences and
Food



Chamber of Commerce of
Agricultural Engineers of the
Republic of Srpska

organize

XII INTERNATIONAL SYMPOSIUM ON AGRICULTURAL SCIENCES and **XXVIII CONFERENCE OF AGRICULTURAL ENGINEERS OF THE REPUBLIC OF SRPSKA**

24-26 May 2023
Trebinje, Bosnia and Herzegovina

SECOND ANNOUNCEMENT

CALL FOR PARTICIPATION
AND ABSTRACT OR PAPER SUBMISSION

More information on the web page www.agrores.net

SUPPORTED BY

- Ministry of Scientific And Technological Development, Higher Education and Information Society, Government of Republic of Srpska and
- Ministry of Agriculture, Forestry and Water Management, Government of Republic of Srpska

SYMPOSIUM VENUE

The symposium will be held at Grad Sunca, a new resort located 5 kilometers from Trebinje city center.

ORGANISING COMMITTEE

doc. dr **Branimir Nježić** – president, doc. dr **Biljana Kelečević** – secretary of the Symposium, prof. dr **Siniša Mitrić** – secretary of the Conference, prof. dr **Novo Pržulj**, prof. dr **Željko Vaško**, prof. dr **Svetlana Zeljković**, prof. dr **Đorđe Savić**, prof. dr **Ilija Komljenović**, prof. dr **Danijela Kondić**, doc. dr **Borut Bosančić**, mr **Petar Nikolić** and **Danijela Kuruzović**.

HONORARY COMMITTEE

- **Željko Budimir**, PhD - Minister for Scientific And Technological Development, Higher Education and Information Society, Government of Republic of Srpska
- **Savo Minić**, PhD - Minister of Agriculture, Forestry and Water Management, Government of Republic of Srpska
- **Mirko Ćurić**, MSc - Mayor of City of Trebinje
- Prof. dr **Radoslav Gajanin** – Rector of University of Banja Luka
- Prof. dr **Zlatan Kovačević** – Dean of the Faculty of Agriculture, University of Banja Luka
- Prof. dr **Marina Pintar** – Dean of the Biotechnical Faculty, University of Ljubljana, Slovenia
- Prof. dr **Nedeljko Tica** – Dean of the Faculty of Agriculture, University of Novi Sad, Serbia
- Prof. dr **Božidarka Marković** – Dean of the Biotechnical faculty, University of Montenegro, Montenegro
- Prof. dr **Pavel Ryant** – Dean of the Faculty of AgriScience, Mendel University of Brno, Czech Republic
- Prof. dr **Maurizio Raeli** – Director of Mediterranean Agronomic Institute of Bari, CIHEAM – IAMB, Italy
- Prof. dr **Dragana Latković** - President of Bord of Directors in Institute of Field and Vegetable Crops Novi Sad, Serbia
- Doc. dr **Marina Antić** – Director of Institute of Genetic Resurces, University of Banja Luka
- Prof. dr **Vojislav Trkulja** – Director of Agricultural Institute of Republic of Srpska
- Prof. dr **Felix Arion** – Dean of Faculty of Horticulture and Business in Rural Development USAMV Cluj-Napoca
- Prof. dr **Krunoslav Zmajić** – Dean of the Faculty of Agrobiotechnical Sciences Josip Juraj Strossmayer University of Osijek
- Prof. dr **Andrei Jean-Vasile** – Director of RebResNet scientific network
- Prof. dr **Vjekoslav Tanaskovik** – Dean of Faculty of Agricultural Sciences and Food of Ss. Cyril and Methodius, University in Skopje, North Macedonia

SCIENTIFIC COMMITTEE

Novo Pržulj, president - B&H, Adrian Asanica – Romania, Marina Antić – B&H, Hrabin Bašev - Bulgaria, Klime Beleski – North Macedonia, Muhamed Brka - B&H, Zoran Bročić – Srbija, Claudiu Bunea – Romania, Geza Bujdosó - Hungary, Maria João Carvalho – Portugal, Miljan Cvetković – B&H, Jelena Čukanović – Serbia, Duška Delić - B&H, Arkadiusz Dyjakon – Poland, Diana Dumitras – Romania, Ivica Đalović - Serbia, Ivan Djurić – Germany, Gordana Đurić - B&H, Zorica Đurić - Australia, Hamid El Bilali - Italy, Sezai Ercisli – Turkey, Buta Erzsebet – Romania, Daniel Falta – Czech Republic, Vesna Gantner - Croatia, Nikola Grujić – Serbia, Lari Hadelan – Croatia, Snježana Hrnčić – Montenegro, Attila Jambor - Hungary, Ivana Janeska Stamenkovska – North Macedonia, Andrei Jean-Vasile – Romania, Mugurel Jitea – Romania, Stoja Jotanović – B&H, Tatjana Jovanović-Cvetković – B&H, Romina Kabranova – North Macedonia, Radovan Kasarda - Slovakia, Desimir Knežević – Srbija, Ilija Komljenović – B&H, Danijela Kondić – B&H, Pavel Kotyza – Czech Republic, Zlatan Kovačević - B&H, Željko Lakić – B&H, Ivana Majić - Croatia, Ana Marjanović-Jeromela - Serbia, Mile Markoski – North Macedonia, Dimitrije Marković – B&H, Mihajlo Marković – B&H, Milan Marković - Montenegro, Zoran Marković - Serbia, Aleksandra Martinovska-Stojčeska – North Macedonia, Jeger Miladinović – Serbia, Stanislav Minta – Poland, Siniša Mitrić – B&H, Đorđe Moravčević – Serbia, Vesna Mrdalj – B&H, Iulia Muresan – Romania, Nebojša Novković - Serbia, Aleksandar Ostojić – B&H, Boris Pašalić - B&H, Vojo Radić – B&H, Ljiljana Radivojević – Serbia, Biljana Rogić – B&H, Gordana Rokvić-Knežić – B&H, Črtomir Rozman – Slovenia, Đorđe Savić – B&H, Nebojša Savić – B&H, Francesco Tiezzi - Italy, Mladen Todorović - Italy, Vida Todorović – B&H, Jan Turan - Serbia, Željko Vaško – B&H, Božo Važić – B&H, Dragana Šunjka – Serbia, Nery Zapata – Spain, Vlade Zarić – Serbia, Ervin Zečević – B&H, Svjetlana Zeljković – B&H, Edvith Zhllima – Albania, Mirjana Žabić - B&H.

THEMATIC FIELDS

Crop Sciences

cereals; fodder plants; industrial plants; plant breeding and seed production; plant protection, organic production; genetic resources; land and water management; general agriculture; food sciences; ecology and agroecology IT; new technologies in agriculture; etc.

Horticulture

fruit growing; viticulture and enology; vegetable growing; medical and aromatic plants; decorative plants; plant breeding and nursery production; plant protection; organic production; genetic resources; food sciences; ecology and agroecology; IT; new technologies in agriculture; landscape agriculture; etc.

Animal Sciences

livestock breeding; aquaculture; apiculture; animal nutrition; animal breeding; hunting; veterinary sciences; organic production; genetic resources; food sciences; ecology and agroecology; IT; new technologies in agriculture; etc.

Agricultural Economics and Rural Development

agricultural policy; agricultural economics; marketing; agromanagement; agricultural financing and insurance; rural and regional development; food self-sufficiency; climate change adaptation; etc.

ABSTRACT OR PAPER SUBMISSION

The deadline for abstract submission is the 1st of March 2023. It can be done on-line via AgroReS Symposium web page – <https://agrores.net/en/participation/registration/>

PUBLICATION

All accepted abstracts will be published in the Book of Abstracts, before the Symposium.

Authors who decide to publish a full paper can do it in two ways:

1. In the Proceedings of the Symposium (by assigned ISBN and CIP number) or
2. In the scientific “Agro-knowledge Journal” published by the Faculty of Agriculture, University of Banja Luka (more on the journal’s website <https://agroznanje.com/>).

REGISTRATION FEE

Symposium participants	120 € (240 KM)
Students	60 € (120 KM)
Accompanying persons	60 € (120 KM)

The registration fee includes:

- Electronic copies of Book of Abstracts and Proceedings of the Symposium AgroReS 2023;
- Electronic copies of the Agro-knowledge Journal;
- Welcome cocktail and cultural evening (24th of May);
- Refreshment during breaks;
- Sightseeing tour (25th of May);
- Gala dinner (26th of May).

At least one registration fee must be paid for each presented or published abstract/paper. The registration fee can be paid in advance through the bank transfer or on the spot in cash.

Participants cover the remaining costs of participation, that are not included in the registration fee.

Prizes will be awarded for the best student oral and poster presentations.

IMPORTANT DATES

01 March 2023	Deadline for registration and abstract or paper submission
15 April 2023	Deadline for acceptance of abstracts or papers
1 May 2023	Deadline for sponsorship arrangements
16 May 2023	Symposium program, Book of Abstracts and Proceedings

PROGRAM OF THE SYMPOSIUM

24 May 2023	Registration, Opening ceremony and Plenary session with keynote speakers
25 May 2023	Plenary session with keynote speakers, parallel work of sessions, workshop and sightseeing tour
26 May 2023	Plenary session with keynote speakers, parallel work of sessions and gala dinner

CONTACT

Faculty of Agriculture, University of Banja Luka Bulevar vojvode Petra Bojovica 1A 78 000 Banja Luka	Phone: + 387 51 330 992 Fax: + 387 51 312 580 e-mail: symposium@agro.unibl.org
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KEYNOTE SPEAKERS

Dimitrije Marković - University of Banja Luka, Republic of Srpska, B&H

Plant response to touch - ecological and agronomic implications



His recent scientific interest focus on the wider ecological implications of plant response to touch and their effect on plant-plant and plant-insect interactions. Key research questions include the early detection of changes in biomass allocation, gene expression and the emission of specific volatiles. Currently he is studying wider ecological context of plant defense responses in neighbors after exposure to volatiles emitted by touched plants.

Guido D'Urso- University of Naples, Italy

Earth Observation for crop water requirements from the field to the regional scale: from research to operational applications



His research focus is on:

Use of active sensors in the microwave field for determining the water content of soils with "in-situ" and remote techniques.

Interpretation and analysis of multispectral satellite observations for the estimation of irrigation needs.

Techniques for the application and validation of distributed models for the simulation of soil hydrological balance.

Simplified methods for estimating soil hydraulic properties.

Methodologies and tools for the management of irrigation districts.

Karmen Pažek – University of Maribor, Slovenia

Methods and Tools for Decision Support in Agricultural Management



She has been a postdoctoral lecturer in farm management at the University of Maribor, Faculty of Agriculture and Life Sciences and became a full professor in 2016. She holds several courses at all levels of study. Currently, she is the head of the 1st degree programme in Agricultural Economics and Rural Development and the Vice Dean for Education. Her research areas include development of decision support tools and systems for farm management (simulation modelling, multi-criteria decision analysis, option models, risk management), economics of agricultural production, and other modern methods of operational research.

Carmelo Rapisarda – University of Catania, Italy

Impact of climate change on the insects pests and their management



Mainly involved in studies on sap-sucking insects (especially whiteflies, psyllids and scale insects), their impact on cultivated plants and their integrated and biological control. Both at national and international level, he is involved in research projects related to various noxious whitefly species (Citrus whitefly; Woolly whitefly; Japanese bayberry whitefly; Spiralling whitefly; Tobacco whitefly). He also carries out research on strategies for protecting natural resources and insect diversity while managing a rational pest control. Results of his studies are reported in more than 200 published papers and book chapters.

Fernández Lorenzo, Juan Luis - University of Santiago de Compostela

In vitro micrografting. Experiences in sweet chestnut and mulberry



In last years, his research is focused on the development of micropropagation protocols and on micrografting of several woody species (namely *Castanea sativa* varieties, chestnut hybrids resistant to ink disease, *Quercus robur*, and *Morus* spp. varieties), and on the study of factors involved in adventitious rooting and rejuvenation. I am currently in charge of the Laboratory of Micropropagation of the Higher Polytechnic Engineering School of Lugo (USC).

Jovan Pavlov - Maize Research Institute „Zemun Polje“, Serbia

Current trends in maize breeding at Maize Research Institute „Zemun Polje“



He graduated from the Faculty of Agriculture in Zemun, Department of Agriculture in 2006, and received his doctorate in 2013 at the same faculty, at the Department of Genetics and Plant Breeding. In 2019, he was elected to the scientific title of senior research associate.

At the Maize Research Institute, he works as the head of the department for scientific and technical cooperation. So far, he has published 86 publications, He is the author and co-author of 25 maize hybrids registered at the national level, as well as two maize hybrids registered at the international level.

Ivana Tlak Gajger – University of Zagreb, Croatia

The relationship between nutrition and the health of bee colonies



The field of her scientific work is the biology and pathology of beneficial insects. Prof. Tlak Gajger established cooperation with numerous research groups of scientists from different universities, which, in addition to conducting joint research, resulted in her being approved as a coordinator in front of the partner of the Veterinary for the international project Best practices and innovations for a sustainable beekeeping (B-THENET) - Thematic networks to compile and share knowledge ready for practice HORIZON-CL6-2021-GOVERNANCE-01-28 financed by the European Commission (2022-2026).

ACCOMMODATION

The Symposium will be held at the Grad Sunca in Trebinje, www.gradsuncatrebinje.com. For the Symposium participants, a special accommodation price was agreed. When booking your accommodation, please refer to the AgoReS 2023 Symposium. Within the Grad Sunca there are two hotels:

SL Panorama 5★, e-mail info.slpanorama@slhotelsgroup.com, tel +387 59 491 200

Apartmani Bijeli grad, e-mail: info@gradsuncatrebinje.com, tel. +387 65 205 775

You can also find accommodation in other hotels/motels or apartments for rent in Trebinje. Information about accommodation can be found on the website of the Tourist Organization of the City of Trebinje www.gotrebinje.com

