

Trends and Challenges in the Mediterranean Agriculture

Thursday, 16 April 2015 - Saturday, 18 April 2015

AMNIT - Faculty of Mathematics, Natural Sciences and Information Technologies, Koper, Slovenia

Scientific Programme

The Mediterranean region is one of the most important biodiversity hotspots on Earth, characterized with a remarkable richness in cultivated and wild plant species. This diversity contributes significantly to the development and orientations of Mediterranean agriculture. Some of the vitally important global challenges in the Mediterranean are the conservation and protection of the environment and natural heritage, sustainable use of natural resources, sustainable agricultural production and processing systems, and acquisition of new knowledge for development of modern technologies. These challenges can only be addressed with a continuous research aiming for a new, better knowledge and its transfer into practice.

Trends and Challenges in Mediterranean Agriculture is an international workshop giving an opportunity to participants to present latest advances in the field of Mediterranean Agriculture.

Main topics:

Agricultural biodiversity

Plant genetics

Management of pests and diseases

Agronomic technologies

Production systems

Quality of agricultural products

Underutilized Mediterranean crops

Agricultural economics

Environmental pollution monitoring

The following invited speakers have confirmed their participation:

Frane Strikić (Institute for Adriatic Crops and Carst Reclamation, Croatia)

Mira Radunić (Institute for Adriatic Crops and Carst Reclamation, Croatia)

Tatjana Klepo (Institute for Adriatic Crops and Carst Reclamation, Croatia)

Biljana Lazović (University of Montenegro, Biotechnical Faculty)

Tatjana Perović (University of Montenegro, Biotechnical Faculty)

Miroslav Cizmović (University of Montenegro, Biotechnical Faculty)

Mirjana Adakalić (University of Montenegro, Biotechnical Faculty)

PROGRAMME

<u>Thursday, 16 April 2015</u>

8.00-8.45

Registration

8.45-9.00

Welcome and official opening

SESSION 1: FRUIT GROWING

9.00-10.00

Frane Strikić, *Institute for Adriatic Crops and Karst Reclamation*

Wild fruit species-sustainable use

10.00-11.00

Mira Radunić, *Institute for Adriatic Crops and Karst Reclamation*

Sweet cherry growing on the Mediterranean part of Croatia

11.00-11. 15

Coffee break

11.15-12.15

Miroslav Čizmović, *University of Montenegro*

The dynamics of the formation and falling of flowers and fruits of pomegranate (*Punica granatum* L.)

12.15-13.00

Ana Miklavčič Višnjevec, *University of Primorska*

Phenolic compounds in jujube fruit (*Ziziphus jujuba* Mill.), almonds (*Prunus dulcis*), pomegranates (*Punica granatum*), and hackberries (*Celtis australis* L.) grown in Istria

13.00-14.30

Lunch break

SESSION 2: FISHERY

14.30-15.15

Andreja Ramšak, *National Institute of Biology*

Marine environmental pollution monitoring for safe food and sustainable exploitation of marine resources (Mediterranean Sea)

SESSION 3: ECONOMICS

15.15-16.00

Štefan Bojnec, *University of Primorska*

Changes in Dairy Value Chain in Slovenia

SESSION 4: PLANT PROTECTION

16.00-17.00

Tatjana Perović, *University of Montenegro*

Olive weevil *Rhodocytus cribripennis* (Coleoptera: Rhynchitidae) danger for olive production in Montenegro

17.00-17.30

Tea Knap, *University of Primorska*

Olive fruit fly (*Bactrocera oleae* Gmelin) in the Slovenian Istria

17.30-18.00

Conclusions

<u>Friday, 17 April 2015</u>

8.00-9.00

Registration

SESSION 5: OLIVE GROWING

9.00-10.00

Tatjana Klepo, *Institute for Adriatic Crops and Karst Reclamation*

Genetic diversity of cultivated and wild olives (*Olea europaea* L.) in Croatia

10.00-11.00

Biljana Lazović, *University of Montenegro*

Challenges in olive growing of Montenegro

11.00-11.15

Coffee break

11.15-12.15

Mirjana Adakalić, *University of Montenegro*

Genetic variability in olive cv. 'Žutica' (*Olea europaea* L.) determined by molecular markers

12.15-13.00

Maja Podgornik, *University of Primorska*

Effect of different irrigation levels on growth and crop yield of 'Istrska belica' olive trees (*Olea europaea* L.) in the northern Mediterranean region

13.00-14.30

Lunch break

14.30-15.15

Erika Bešter, *University of Primorska*

Measurement traceability and quality assurance – The case of accredited Laboratory for oil testing

15.15-16.00

Vasilij Valenčič, *University of Primorska*

Sensory analysis of table olives from Slovenian Istria

SESSION 6: PLANT TRANSCRIPTOMICS

16.00-16.45

Alenka Baruca Arbeiter, *University of Primorska*

Development and characterization of novel EST-SSR markers in olive (*Olea europaea* L.)

16.45-17.30

Matjaž Hladnik, *University of Primorska*

An attempt to identify genes involved in rugose wood aetiology with comparative gene expression analysis in *Vitis vinifera* autografts

17.30-18.00

Conclusions

<u>Saturday, 18 April 2015</u>

10.00-14.00

Excursion to experimental olive grove, Bivje, Slovenia

Bojan Butinar and Maja Podgornik, *University of Primorska*

Workshop on irrigation of olive tree