



Advancements in plant breeding, trial design & analysis

27-29 September, 2016 · Novi Sad, Serbia
IFVCNS in cooperation with
UC Davis Plant Breeding Academy

PROGRAM

Day 1 - Tuesday, 27 September 2016

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| 08.00-08.30 | Introduction | |
| 08.30-09.30 | R software - Introduction | Dr. Mirjana Jankulovska, Faculty of Agricultural Sciences and Food, Skopje, Macedonia |
| 09.30-09.55 | Questions and Discussion | |
| 09.55-10.25 | Coffee Break | |
| 10.25-11.25 | R software - Experimental designs | Dr. Domagoj Šimić, Agricultural Institute Osijek, Croatia |
| 11.25-12.00 | Questions and Discussion | |
| 12.00-12.50 | Intellectual property protection in plant breeding | Dr. Radisa Gjuric, UC Davis PBA |
| 12.50-13.15 | Questions and Discussion | |
| 13.15-14.45 | Lunch | |
| 14.45-15.45 | GxE and decisions in population development | Dr. Jegor Miladinović, Institute of Field and Vegetable Crops, Novi Sad, Serbia |
| 15.45-16.10 | Questions and Discussion | |
| 16.10-17.10 | Combined Analysis of Several Experiments | Dr. Domagoj Šimić, Agricultural Institute Osijek, Croatia |
| 17.10-17.35 | Questions and Discussion | |

Day 2 - Wednesday, 28 September 2016

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| 08.00-12.00 | Field trip | Soybean, maize, sunflower fields and demonstration trials. Each crop field will be hosted by researchers from IFVCNS, who will give short introduction and then |
| 12.00-14.00 | Lunch | |
| 14.00-15.00 | R software - Use in data management | Dr. Mirjana Jankulovska, Faculty of Agricultural Sciences and Food, Skopje, Macedonia |
| 15.00-15.30 | Questions and Discussion | |
| 15.30-16.30 | Line Breeding: bulk, pedigree, backcross | Dr. Siniša Jocić, Institute of Field and Vegetable Crops, Novi Sad, Serbia |
| 16.30-17.00 | Questions and Discussion | |
| 19.00-21.00 | Novi Sad sightseeing tour | |

Day 3 - Thursday, 29 September 2016

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| 08.00-09.00 | Hybrid breeding | Dr. Goran Bekavac, Institute of Field and Vegetable Crops, Novi Sad, Serbia |
| 09.00-09.30 | Questions and Discussion | |
| 09.30-10.00 | Coffee Break | |
| 10.00-11.00 | Resistance breeding | Dr. Yalcin Kaya, Trakya University Havsa Myo, Edirne, Turkey |
| 11.00-11.30 | Questions and Discussion | |
| 11.30-12.30 | Seed production, biology and quality | Dr. Svetlana Balešević-Tubić, Institute of Field and Vegetable Crops, Novi Sad, Serbia |
| 12.30-13.00 | Questions and Discussion | |
| 13.00-14.30 | Lunch | |
| 14.30-15.30 | Marker assisted selection and backcrossing | Dr. Dragana Miladinović, Institute of Field and Vegetable Crops, Novi Sad, Serbia |
| 15.30-16.00 | Questions and Discussion | |
| 16.00-17.00 | Optimization of plant breeding programs and testing networks | Dr. Radisa Gjuric, UC Davis PBA |
| 17.00-17.30 | Questions and Discussion | |