



Çeşme Altın Yunus İzmir  
26-28  
September  
2018

29<sup>th</sup> International

# SCIENTIFIC - EXPERT CONFERENCE OF AGRICULTURE AND FOOD INDUSTRY



## PROGRAMME

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**29th SCIENTIFIC - EXPERT CONFERENCE OF  
AGRICULTURE AND FOOD INDUSTRY**

**26-28 September 2018**

İzmir Çeşme Altinyunus Hotel,  
Cesme-Izmir/TURKEY

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(Dean of Faculty of Agriculture, Ege University)

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(Dean of Faculty of Agriculture and Food Sciences,  
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## **SCIENTIFIC PROGRAMME**

**26 September 2018**

**09:00-09:30** Registration

### **HALL 1/ OPENING CEREMONY**

**10:00-10:45** Opening Ceremony and Honorary Speech

Prof.Dr. Mustafa BOLCA

(Dean of Faculty of Agriculture, Ege University)

Prof.Dr. Muhamed BRKA

(Dean of Faculty of Agriculture and Food Sciences,  
University of Sarajevo)

Prof.Dr. Necdet BUDAK

(Rector of Ege University)

**10:45-11:00** Coffee Break



## **HALL 1 / Session 1**

**Chair: Prof.Dr. Turgay TASKIN**

11:00-11:20 **Turgay TASKIN**- Recent Developments in Goat Meat Production of Turkey and Marketing Alternatives

11:20-11:40 **Turgay TASKIN**- Effects of Apilarnil on growth, body measurements and testes characteristics for Saanen male kids

11:40-12:00 **Hakan BAYRAKTAR** –A research on determination of some yield characteristics of Menemen sheep

12:00-12:20 **Banu YUCEL** – Using opportunities of propolis in farm animals

12:20-12:40 **Banu YUCEL**- Assurance of healthy and sustainable production in bee products; “Good Manufacturing Practises (GMP)”

**12:40-12:50 Discussion**

**12:50-14:00 LUNCH**



## **HALL 1/Session 2**

**Chair: Prof.Dr. Muhamed BRKA**

14:00-14:20 **Ismail YILDIZ**- Morphological characterisation of *Arcuospathidium muscorum* (*Ciliophora*, *Spathidiida*) isolated from soils of Van

14:20-14:40 **Esin DERI** - Determination of livestock farmers' manure management perspectives: The case of Izmir-Bornova

14:40-15:00 **Perihan T. AKAP**- The effects of irrigating by different sourced water on some soil chemical properties

15:00-15:20 **Perihan T. AKAP**- Determination of water-yield relationships of corn irrigated by drip irrigation system

15:20-15:40 **Perihan T. AKAP**- Patogenic contamination on lettuce and soil irrigated by treated domestic waste water

15:40-15:50 **Discussion**

15:50-16:00 **Coffe Break**



## **HALL 1/ Session 3**

**Chair: Assoc.Prof. Dr. Arzu YAZGI**

16:00-16:20 **Nurdan GUNGOR SAVAS** - Effects of volatile and non-volatile compounds of *Trichoderma harzianum* against various phytopathogens

16:20-16:40 **Cansu Ozge TOZKAR**- Differential responses of honey bee subspecies to *Nosema ceranae* infection

16:40-17:00 **Sibel SARICAM** - Green transformation of cities - “parks in the sky”

17:00-17:20 **Fulsen OZEN**- Determination of vegetation in coastal section of Great Meander Delta by using object-based classification

17:20-17:40 **M.Olgun ATALAY**- Water quality mapping using geostatistical analysis (case study in Jiroft Dam, Iran )

**17:40-17:50 Discussion**



**26 September 2018**

**HALL 2/ Session 1**

**Chair: Prof.Dr. Adnan DEGIRMENCIOGLU**

11:00-11:20 **Gökçen YONTER** - A pre-study on comparing of effects of humic substance on some erosion parameters of a sandy loamy soils and pH and EC of drainage water

11:20-11:40 **Gökçen YONTER** - Comparing of the effects of humic substance, polyacrylamide and polyvinylalcohol on runoff and soil loss of a clay soil under simulated rainfall

11:40-12:00 **Zahir SHAH**- Management Practices to Enhance Carbon Sequestration, Improve Soil Health and Mitigate Climate Change

12:00-12:20 **Ogulcan ESMER** - An investigation on the poultry manure pelletizing plant

12:20-12:40 **Erkan URKAN** - Evaluation of technical and functional features of bee hives used for beekeeping conditions in terms of bee health and welfare

12:40-12:50 **Discussion**

12:50-14:00 **LUNCH**



## **HALL 2/ Session 2**

**Chair: Prof. Dr. Hakan GEREN**

14:00-14:20 **Hakan GEREN** - Effect of different harvest stages on some silage quality characteristics of sweet sorghum (*Sorghum bicolor var. saccharatum*) and cowpea (*Vigna unguiculata (L.) Walp.*) mixtures

14:20-14:40 **Aliye YILDIRIM** - Determination of yield and some yield characteristics of some soybean genotypes selected from two populations under double cropping in Mediterranean Region

14:40-15:00 **Seda KHIABANI**- The effect of germination and emergence-performance enhancing treatments on alfalfa (*Medicago sativa L.*) seeds

15:00-15:20 **Seda KHIABANI** - The effect of germination and emergence-performance enhancing treatments on white clover (*Trifolium repens L.*) seeds

15:20-15:40 **Seda KHIABANI** - Usage of sewage sludge in agriculture

**15:40-15:50 Discussion**



**27 September 2018 (DAY 2)**

**HALL 1/Session 4**

**Chair: Prof.Dr. Enisa Omanovic MIKLICANIN**

09.30-09:50 **Jakub BUTKOVIC** - Agricultural policy of Bosnia and Herzegovina and Turkey and EU integration process

09:50-10:10 **Merima MAKAS** - Assessment of total support to agriculture in Bosnia and Herzegovina

10:10-10:30 **Zubeyde A.DOGAN**- Shareholder participation to cooperative management in agricultural credit cooperatives; Izmir case study

10:30-10:50 **Zubeyde A. DOGAN**- Marketing and sales services of cattle breeders' association to their members; Izmir case study

10:50-11:10 **Nursel KOYUBENBE** - Beef marketing structure and marketing margins in Izmir, Turkey

11:10-11:20 **Discussion**

**11:20-11:30 Coffe Break**



## **HALL 1 /Session 5**

**Chair: Assoc. Prof.Dr. Berna TURKEKUL**

11:30-11:50 **Berna TURKEKUL** - Relationship between production and price of potatoes in Turkey: A distributed lag model analysis

11:50-12:10 **Mucahit PAKSOY** - Role of media on food consumption: Case of Kahramanmaras province of Turkey

12:10-12:30 **Mucahit PAKSOY** - Measuring the level of consumer consciousness about food safety: Case of Kahramanmaras province of Turkey

12:30-12:50 **Zhansaya BOLATOVA**- Recent developments in corn production and marketing of Turkey and the world

12:50-13:00 Discussion

13:00-14:00 **LUNCH**





## **HALL 1/ Session 6**

**Chair: Assoc.Prof.Dr.Ash GUNES**

14:00-14:20 **Ash GUNES**- Hyperaccumulator plant selection for maximum efficiency in water treatment on artificial wetlands

14:20-14:40 **Tamer USTUNER**- Investigation of weed species, family and density were problem in peanuts

14:40-15:00 **Tamer USTUNER** - Investigation of the effect of different control methods on weed density in strawberries

15:00-15:20 **Murat OZALTAS**- Quantitative methods for olive harvest prediction: A classification based on prior research

15.20-15.30 **Discussion**

15:30-15.40 **Coffe Break**



## **HALL1 /Session 7**

**Chair: Prof.Dr. Drena GADZO**

15:40-16:00 **Turcan TEKER-** Comparison of afflicted berries of cv. Sultana in Aegean Region with berry shrivel types seen in the world

16:00-16:20 **Turcan TEKER -** Determination of relation between effective heat summation values for cv. Sultan 7 with meteorological data of Manisa province

16:20-16:40 **Oguzhan SOLTEKIN-** Effects of water stress on coloration and anthocyanin content of Crimson seedless table grape variety

16:40-17:00 **Damla ISIK-** The effect of different light colors on germination and seedlings of onion seeds (*Allium cepa L.*)

**17:00-17:10 Discussion - Closing**



**27 September 2018 (DAY 2)**

**HALL2 /Session 3**

**Chair: Prof.Dr. Halil OMANOVIC**

09.30-09:50 **Aslı AKPINAR** - Adaptation of lactic acid bacteria and yeasts in traditional fermented milk beverages: Kefir and Koumiss

09:50-10:10 **Aslı AKPINAR** - Profile of the dairy farms that members of cattle breeders society in Balıkesir-Sındırgı district

10:10-10:30 **Nagihan KALINTAS**- Effects Of Spray-Dried Sourdough Powder On Rheological Properties Of Sourdough Bread

10:30-10:50 **Ozge SUFER** - Solvent-free extraction of essential oils from peels of citrus fruits by microwave: An evaluation of volatile and bioactive compounds

**10:50-11:00 Discussion**

11:00-11:10 **Coffe Break**



## **HALL 2/ Session 4**

**Chair: Assoc.Prof. Dr. Gülfem UNAL**

11:10-11:30 **Gülfem UNAL** - Iodine in milk and dairy products and its relationship with public health

11:30-11:50 **Vildan AKDENİZ** - The effects of high power ultrasound on dairy fermentation

11:50-12:10 **Vildan AKDENİZ** - CLA (Conjugated Linoleic Acid) in milk fat: physiological effects

12:10-12:30 **Elif OZER**- Effect of whey protein concentrate addition on some properties of fermented milk

12:30-12:50 **Nazlı SAVLAK** - Consumption trends of ready to eat breakfast cereal among secondary and high school students in Manisa province: a comparison by age and gender

12:50-13:00 **Discussion**

**13:00-14:00 LUNCH**



## **HALL 2/Session 5**

**Chair: Dr. Fulsen OZEN**

14:00-14:20 **Hakan BAYRAKTAR** - Suggestions for prevention of cannibalism in organic egg production

14:20-14:40 **Cigdem TUGALAY** - Effects of starch-based sugars, calorie restriction, bee products and ad-libitum feeding on egg quality in broiler breeder hens

14:40-15:00 **Ozgun ISIK** - The effect of dietary cumin essential oil on relative organ weights of broilers reared in free-range system

15:00-15:20 **Burcu AKTAS**- The Effects of Different Plant Extracts Supplemented to Layer Diets Enriched with Omega-3 fatty acids on Egg Efficiency, Quality, Lipid Peroxidation and Antioxidant Capacity

15:20-15:40 **Muzaffer CEVIK** -Modeling of lactation milk yield with spline regression method

15:40-16:00 **Muzaffer CEVIK** - The factor affecting on weaning weights of Hair Goats

**16:00-16:10 Discussion and Closing**



## **POSTER PRESENTATIONS**

- 01- Bankassurance As Financial Instrument In Agricultural Risk Management- **Todor Markovic**
- 02- Strategie of effective conservation for Busha cattle - **Denis Kucevic**
- 03- Genetic trend of milk yield in standard lactation and lifetime milk production in black and white cows -**Radica Djedovic**
- 04- Investigating the effective factors on new waste management techniques adoption in potato production in Ardabil province -**Alireza Abdpour**
- 05- A Review: Occurrence and Control of Ochratoxin-A in Sultana Raisins- **Oğuzhan Soytekin**
- 06- Ampelographic Characteristics of Alyanak and Devegözü Grape Varieties -**Fulya Kustutan**
- 07- The effects of fertilizers on the growth, yield and nitrate content in selected sorts of spinach (*Spinacia oleracea* L.) **Cerima Zahirovic**
- 08- An Alternative Athlete Beverage: Chocolate Milk **Cem Karagozlu**
- 09- Effects of Somatic Cell Count On Properties of Probiotic Yoghurt **Cem Karagozlu**
- 10- Evaluation of physical and antioxidant properties of oyster mushroom (*Pleurotus ostreatus*) dried by freeze and vacuum oven drying methods **Tutku Merve Ucar**
- 11- Influence of microwave pre-treatment and frying temperature on texture of crumbed vegetable sticks **Jasmina Tahmaz**
- 12- Effects of Okra Powder on Bread Quality **Kubra Tuluk**



- 13- Residue Effect of Chicken Manure on Yield and Yield Criteria of Second Crop Of Onion **Nilgun Saatci Mordoğan**
- 14- Successive two years treated sewage sludge applications: Effect on total and available heavy metal concentrations of sandy clay soil **Sezai Delibacak**
- 15- Determination of Properties of Antep Karası Grape Variety Grown Soils in Vineyards of Alaşehir **Fadime Ates**
- 16- valuation of resistance and susceptibility of some wheat cultivars to lesser grain borer, *Rhyzopertha dominica* (F.) (Coleoptera: Bostrichidae) **Ali Golizadeh**
- 17- Chemical Control and Problems of (*Planococcus citri* Risso, *P.ficus* Signorer (Hemiptera: Pseudococcidae) Mealybug in the Vineyards **Ersa Albaz**
- 18- Determination of soil moisture changes in the depth of effective root zone of maize irrigated by drip irrigation **Perihan Tari Akap**
- 19- Comparing Two Grape Rootstocks in Respect of Their Carbohydrate Accumulation against In vitro Drought Stress **Simin Ulas**
- 20- Bioreactors in In Vitro Plant Production **Damla Isık**
- 21- The fatty composition in milk and effect of nutrition of sheep in various period of lactation **Halil Omanovic**
- 22- Horticultural project for tourist - residential settlement Sarajevo Resort **Emina Sihajovic**
- 23- Green synthesis of silver nanoparticles and their antimicrobial activity **Enisa Omanovic-Miklicanin**
- 24- Conventional Hydro-distillation of *Cupressus arizonica* (grown in Osmaniye) Essential Oil: Determination of Volatile Compounds **Ozge Sufer**



- 25- Effects of grapevine cultivar vines on Esca disease, **Nurdan Gungor Savas**
- 26- The Effects Of Different Compost And Manure Applications On Fruit Yield, Some Quality Parameters And Nitrate (NO<sup>-3</sup>-N) Accumulation In The Soil Profile In Organic Red Pepper (*Capsicum Annuum* L. Cv. Yalova Yağlık-28) Production **Nilgun Saatci Mordogan**





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