



IX. International Congress on HAZELNUT

15-19 August 2017 - Atakum, Samsun - TURKEY



Scientific Programme



15th August, Tuesday

08.00-09.00	Registration/Poster set up in Congress Venue (Ataturk Convention Center in Ondokuz Mayıs University, Atakum Campus)
09.00-10.00	Opening Ceremony
09.00-09.10	Welcome to participants, Prof.Dr. Celal Tuncer, Convener
09.10-09.20	Welcome by Head of Hazelnut Exporters Union, İlyas Edip Sevinç
09.20-09.30	Welcome by Rector of Ondokuz Mayıs University, Prof.Dr. Sait Bilgiç
09.30-09.40	Welcome by Mayor of Samsun City, Yusuf Ziya Yılmaz
09.40-09.50	Welcome by Governor of Samsun City, Osman Kaymak
10.00-11.00	Coffee Break
11.00-11.10	ISHS presentation- Roberto Botta
11.10-11.40	Keynote: Advance in Genetic Improvement of Hazelnut <i>Shawn A. Mehlenbacher</i>
11.40-12.10	Keynote: Hazelnut Production in Turkey; Current Situation, Problems and Future Prospects <i>Veli Erdoğan</i>
12.10-14.00	Lunch (University Restaurant)

Oral Session - 1

14:00-15:15

Germplasm and Genetic Improvement

Chairman: Shawn A. Mehlenbacher

14.00-14.15	Construction of a high-density genetic linkage map and QTL analysis for hazelnut breeding <i>Daniela Torello Marinoni, Nadia Valentini, Ezio Portis, Alberto Acquadro, Chiara Beltramo, <u>Roberto Botta</u></i>
14.15-14.30	Genomic Resource Development in Hazelnut Breeding <i>Jacob Snelling, Vidyasagar Sathuvallii, Gehendra Bhattarai, Erik Rowley, Todd Mockler, Chris Saski, Dario Copetti, Shawn Mehlenbacher</i>
14.30-14.45	New Hazelnut Cultivars from Oregon State University <i>Rebecca L. McCluskey, Shawn A. Mehlenbacher, <u>David C. Smith</u></i>
14.45-15.00	Resources and Production of Hazelnut in China <i><u>Gui-Xi Wang</u>, Qing-Hua Ma, Tian-Tian Zhao, Li-Song Liang</i>
15.00-15.15	Association Mapping of Nut and Kernel Traits in Turkish Hazelnut (<i>Corylus avellana</i> L.) Germplasm <i><u>Süleyman Can Öztürk</u>, Hüseyin İrfan Balık, Selda Kayalak Balık, Gökhan İzilci, Ömür Duyar, Sami Doğanlar, Anne Frary</i>
15.15-16.00	Coffee Break-Poster session-1

15th August, Tuesday

Oral Session - 2

16.00-17.30

Germplasm and Genetic Improvement-2

Chairman: Roberto Botta

16.00-16.15	Molecular Evidence of Sporophytic Self-Incompatibility in <i>Corylus</i> Based on Transcriptomic Analysis <i>Qing-hua Ma, Dan Yang, Yu-chen Liu, Li-song Liang, Tian-tian Zhao, Gui-xi Wang</i>
16.15-16.30	Genetic Variation in Natural Turkish Hazel (<i>Corylus colurna</i> L.) Populations in Turkey <i>Fatih Temel, Deniz Çakar, Mustafa Arslan, Funda Özdemir Değirmenci, Alev Ates, Zeki Kaya</i>
16.30-16.45	Breeding Hazelnuts Resistant to Eastern Filbert Blight <i>Shawn A. Mehlenbacher</i>
16.45-17.00	Progress Breeding for Resistance to Eastern Filbert Blight in the Eastern United States <i>Thomas J. Molnar, Justin J. Lombardoni, Megan F. Muehlbauer, Josh A. Honig, Shawn A. Mehlenbacher, John M. Capik</i>
17.00-17.15	Population Structure Analysis of European Hazelnut (<i>Corylus avellana</i>) <i>Kahraman Gürçan, Shawn A. Mehlenbacher, Muhammed A. Köse, Hüseyin I. Balık</i>
18.30-20.30	Welcome dinner in OMTEL Hotel

16th August, Wednesday

Oral Session - 3

08.30-10.00

Biology and Physiology

Chairman: Saim Zeki Bostan

08.30-08.45	Phenology and Yield Evaluation of Hazelnut Cultivars in the Latium Region <i>Cristofori Valerio, Pica Aniello Luca, Silvestri Cristian, Bizzarri Stefano</i>
08.45-09.00	Variation in Yield of "Çakıldak" Hazelnut Orchards at Different Elevations, Years and Locations <i>Erhan Bozkurt, Saim Zeki Bostan</i>
09.00-09.15	Determination of Some Male Flower Characteristics of Turkish Hazelnut (<i>Corylus avellana</i> L.) cultivars <i>Ahmet Aygün, Muharrem Yılmaz</i>
09.15-09.30	Altitudinal Variation of Leaf Area Index of <i>Corylus avellana</i> Along Mountainous Agricultural Landscapes in Ordu, Turkey <i>Melih Öztürk, Tahsin Tonkaz, Ercan Gökyer</i>
09.30-09.45	Stomatal Sensitivity in <i>Corylus avellana</i> : First Analysis from Global Dataset <i>Tommaso Anfodillo, Vinicio Carraro, Gaia Pasqualotto, Stefano Conati, Chloé Mestdagh, Salaün Gwenaél, Marion Mercadal, Alberto Vacca, Andrea Castagna, Utili Gianpietro, Maria José Lisperguer, Tommaso De Gregorio</i>
09.45-10.00	Adaptability of Hazelnut Material from Asturias (Northern Spain), in Tarragona Area (Norte-Astern Spain) <i>Mercè Rovira, Juan José Ferreira, Ana Campa</i>
10.00-10.45	Coffee Break- Poster session-2

16th August, Wednesday

Oral Session - 4

10.45-12.00

Propagation and Rootstocks

Chairman: Merce Rovira

10.45-11.00	Studies on Propagation by Stem Cuttings of the Turkish Hazelnut Cultivar 'Tombul' (<i>Corylus avellana</i>) <i>Başak Özdemir, Hatice Dumanoglu</i>
11.00-11.15	Application of additive light increases leafy cutting rooting and survival in hazelnut (<i>Corylus avellana</i> L.) <i>Sergio Tombesi, Maurizio Micheli, Daniela Farinelli</i>
11.15-11.30	Adventitious Root Formation in Hardwood Cuttings of Hazelnut (<i>Corylus avellana</i> L.) <i>Fatma Koyuncu, Faik Ekmel Tekintaş</i>
11.30-11.45	Application of a Simulation Model to Reproduce Hazelnut Development and Growth In Italy, Georgia and Chile <i>Simon Bregaglio, Francesca Orlando, Lorenzo Ascari, Andrea Castagna, Francesco Fabrizi, Maria José Lisperguer, Cristina Novara, Tommaso De Gregorio</i>
11.45-12.00	Developing an Optimal Tissue Culture Medium for Hazelnuts <i>Melekşen Akın, Ecevit Eyduran, Barbara M. Reed</i>
12.00-14.00	Lunch (University Restaurant)

Oral Session - 5

14.00-15.15

Orchard Management

Chairman: Miguel Ellena

14.00-14.15	Effects of Cover Crops Applications on DTPA Extractable Micro Element Contents in the Hazelnut Orchard <i>Zeynep Demir, Mahmut Dok, Kibar Ak, İdris Macit, Doğan Işık</i>
14.15-14.30	Effect of Irrigation Regimes by Mini Sprinkler on Yield and Pomological Traits in Tombul Hazelnut <i>Arif Külahçılar, Tahsin Tonkaz, Saim Zeki Bostan</i>
14.30-14.45	Effect of Some Applications on Delaying of Opening Leaf Buds to Protect Hazelnuts from Spring Frost Damage <i>Arzu Sezer, Çiğdem Köse, Ebru Gümüş, Yusuf Bilgen</i>
14.45-15.00	Advantages of high density planting in hazelnuts in South Chile <i>Miguel Ellena, A. Gonzalez, P. Sandoval, Felipe Marchant</i>
15.00-15.15	A New Method to Manage Hazelnut Suckers: Liquid Nitrogen Applications <i>Ümit Serdar, Coşkun Gülser, Burak Akyüz, Ayşegül Balta, Yusuf Çil, Fatma Yılmaz Figen</i>
15.15-16.00	Coffee Break- Poster session-3

16th August, Wednesday

Oral Session - 6

16.00-17.15

Post Harvest

Chairman: Thomas J. Molnar

16.00-16.15	Cracking Characteristics of Hazelnut cv. Tombul <i>Murat Kaçal, Mehmet Ali Koyuncu</i>
16.15-16.30	Influence of genotype and geographical origin on lipid profile of hazelnuts (<i>Corylus avellana</i>) in Europe <i>Loretta Bacchetta, Maria Aramini, Alessandro Zinni, Silvia Procacci, Vittorio Di Giammatteo, Maria Rosaria Battarelli, Daniela Spera</i>
16.30-16.45	Effect of Drying Places on Physical Properties of Hazelnut during Storage <i>Ali Turan, Ali İslam</i>
16.45-17.00	Changes in Quality Traits of Tombul, Palaz and Kalınkara Hazelnut Cultivars Separated from Husk by Husker and Hand <i>Aysun Akar, Saim Zeki Bostan</i>
17.00-17.15	The Applicability of Licensed Warehousing System for Hazelnut <i>Mustafa Akbulut, Keziban Yazıcı, Nalan Bakoğlu, Burcu Göksu</i>
18.30-20.30	Dinner in OMU-Vakıf Restaurant

17th August, Thursday

Oral Session - 7

08.30-09.45

Pests

Chairman: Mihai Botu

08.30-08.45	Bark and Ambrosia Beetle (Coleoptera: Curculionidae: Scolytinae) Management in Hazelnut Orchards with Sticky Traps and Trap Trees <i>Celal Tuncer, Onur Aker, İzzet Akça, İslam Saruhan, Kibar Ak</i>
08.45-09.00	Effect of Gamma Irradiation on Microbiological and Pest Load of Natural Hazelnut Kernels <i>Saadet Koç Güler, Saim Zeki Bostan, Ahmet Hilmi Çon, Ferit Turanlı</i>
09.00-09.15	Incidence and Severity of True Bugs Damage on Kernels in Turkish Hazelnut Growing Areas <i>Kibar Ak, Celal Tuncer, Abdullah Baltacı, Ümit Eser, İslam Saruhan</i>
09.15-09.30	Monitoring of damage caused by harmful pests in hazelnut orchards in Samegrelo region, Georgia <i>Manana Kereselidze, Goderdzishvili Goderdzi, Khidesheli Zura</i>
09.30-09.45	<i>Halyomorpha halys</i> Invasion: A New Issue for Hazelnut Crop in Northwestern Italy and Western Georgia <i>Luciana Tavella, Silvia T. Moraglio, Lara Bosco</i>
09.45-10.30	Coffee Break- Poster session-4

17th August, Thursday

Oral Session - 8

10.30-12.00

Diseases

Chairman: Luciano Tavella

10.30-10.45	<i>Phomopsis</i> spp is the Candidate Causal Agent of Rotten Hazelnut <i>Paola Battiliani, Giorgio Chiusa, Giuseppe Castello, Nicola Spigolon</i>
10.45-11.00	Genetic Analysis of Powdery Mildew Disease in Turkish Hazelnut <i>Stuart Lucas, Arzu Sezer, Özlem Boztepe, Kadriye Kahraman, Hikmet Budak</i>
11.00-11.15	Molecular Characterization and Sequence Detection of Apple Mosaic Virus Hazelnut Isolates <i>Filiz Ertunç, Arzu Sezer, Dİdem Canik Orel</i>
11.15-11.30	Natural Occurrence of <i>Ampelomyces</i> Hyperparasite of Powdery Mildews in Hazelnut Orchard in Western Black Sea Region <i>Nedim Altın, Barış Gülcü</i>
11.30-11.45	Chemical control studies on powdery mildew, <i>Erysiphe corylacearum</i> disease of hazelnut in Samsun and Sakarya provinces <i>Berna Tunali, Bayram Kansu</i>
11.45-12.00	Sensitivity of <i>Trichothecium roseum</i> to Six Fungicides <i>Sun Jun, Xie Ming</i>
12.00	Departure for Lunch by buses from Congress venue
12.00-14.00	Lunch in Köleoğlu Hazelnut Farm
14.00	Departure from Köleoğlu Hazelnut Farm to Congress venue
14.30-18.00	Congress venue - City tour
19.00-21.00	Dinner at OMTel Hotel

18th August, Friday

Oral Session - 9

08.30-10.00

Food, Processing and Health Benefits

Chairman: Tahsin Toknaz

08.30-08.45	Hazelnut Milk from Hazelnut Cake and Development of Hazelnut Milk-Based Dairy Products <i>Osman Gül, İlyas Atalar, Mustafa Mortaş, Furkan Türker Sarıcaoğlu, Abdullah Kurt, Fehmi Yazıcı</i>
08.45-09.00	Oxidative Stability of Hazelnut Oil During Light Exposure in Comparison with Palm Oil <i>Sümeyye Şahin, Katharina Domitila Petersen, Jan Fritsche</i>
09.00-09.15	Assessment of the nutraceutical potential of <i>Corylus avellana</i> L. fruit (hazelnut) from different geographic origin: Antioxidant properties, fatty acid profiles and enzyme inhibitory effects <i>Gokhan Zengin, Azzura Stefanucci, Giorgia Macedonio, Ettore Novellino, Adriano Mollica</i>
09.15-09.30	Phenolic Bioactive Profiles of Hazelnut Fruit and Hazelnut By-Products: Antioxidant Activity, Antiproliferation Levels on Selected Cancer Cells <i>Özlem Tokuşoğlu</i>
09.30-09.45	Antioxidant Activity and Phenolic Content of Hazelnut Fruit Grown Under different Conditions <i>Tahsin Toknaz, Sümeyye Şahin, Saim Zeki Bostan, Kürşat Korkmaz</i>
09.45-10.00	Efficiency of Sorting Process on Aflatoxins and Sterigmatocystin Occurrence in Raw Hazelnut Kernels <i>Levent Şen, Elif Apaydın</i>
10.00-10.45	Coffee Break- Poster Session-5

Marketing and Economics**Chairman: Vedat Ceyhan**

10.45-11.00	Sustainability of Organic Versus Conventional Hazelnut Productions in Turkey <i>Kürşat Demiryürek, Nur İlkkay Abacı, Vedat Ceyhan</i>
11.00-11.15	Factors Influencing the Adoption of Pressured Irrigation System in Hazelnut Production in Çarşamba District <i>Hatice Türkten, Çağatay Yıldırım, İsmet Boz</i>
11.15-11.30	Member Satisfaction with the Organic Hazelnut Agricultural Producer Union in Samsun, Turkey <i>Bakiye Topuz Kılıç, Mehmet Bozoğlu</i>
11.30-11.45	Cost and Profitability of Hazelnut Farming in the Flat and Sloping Land: A Case of Samsun Province, Turkey <i>Mehmet Bozoğlu, Buket Altunpala</i>
11.45-12.00	Wage Structure of Seasonal Hazelnut Workers in Giresun City of Turkey <i>Merve Yılmaz, Mehmet Bozoğlu, Cengiz Sayın</i>
12.00-14.00	Lunch (University Restaurant)

Oral Session - 11**Industry and Miscellaneous****Chairman: Anita Solar**

14.00-14.15	Project for Enhancing Productivity and Quality in Hazelnut <i>Nazlı Genç</i>
14.15-14.30	Evaluation of Düzce Hazelnut Production and Development Opportunities <i>Hülya Ünver, Şadiye Zambak, Ahmet Uludağ</i>
14.30-14.45	Hazelnut industry in Canada: An overview of the challenges and opportunities <i>Mukund Shukla, Toktam Taghavi, Wanhong Yang, Adam Dale, Barbara Yates Praveen Saxena</i>
14.45-15.00	The Effects of Hazelnut Biochar and Mycorrhiza Applications on some Biological Characteristics of Pak Choi (<i>Brassica rapa</i> L. subsp. <i>chinensis</i> L.) Plant. <i>Funda İrmak Yılmaz, Funda Eryılmaz Açıkgöz, Sevinç Adiloğlu, Aydın Adiloğlu</i>
15.00-15.30	Coffee Break
15.30-17.00	Business Session
19.00-22.00	Gala Dinner in Roof of Hoskadem Restaurant in Campus

19th August, Saturday

07.00	Departure from hotels
08.30	Visiting FERRERO demonstration orchard in Terme town
09.30	Departure from Terme
11.30	Visiting Gürsoy Hazelnut factory in Ordu
12.30	Departure from Hazelnut factory
13.30	Visiting Altaş Hazelnut Oil factory and Lunch in Ordu at Factory orchard
15.00	Departure from Ordu to Giresun- Time for goodbye some participants who have early flight
16.00	Visiting Hazelnut Research Institute in Giresun
18.00	Departure from Giresun to Ordu-Giresun airport for participants who have flight, Goodbye
19.00	Departure from Ordu to Samsun
22.00	Arrival to Samsun and hotels

