Provisional program of the
16th ISHS Symposium on the Processing Tomato

SUNDAY, March 15th, 2020
7:00 PM: Joint with congress- Opening ceremony and welcome reception

MONDAY, March 16th, 2020
08:00 to 9:00: Registration

09:00 to 10:30: Session 1 -Crop management (Moderator: Brenna Aegerter)
- Adjusting weed control tactics to soil and weather conditions, cultural management and weed biology in tomato - Darren Robinson (Invited spaker)
- Agronomic and morphological traits affecting tomato yield in organic farming system: A preliminary study - Dominico Ronga
- The branched broomrape (Phelipanche ramosa) control project in processing tomato in Chile - Yaakov Goldwasser

10:30 AM: Coffee break

11:00 to 12:30: Session 2 -Crop management (Moderator: Carlos Campillo)
- Breeding tomatoes suitable for processing with triple disease resistance to tomato leaf curl disease, bacterial wilt & early blight - Avverahally Sadashiva
- Towards improved transplant quality-Hazard assessment of critical control points for fungal and bacterial pathogens in California tomato transplant nurseries - Johanna Del Castillo
- Assessing impacts and resistance-based management options for stem rot and premature vine decline caused by Fusarium falciforme (Fusarium solani species complex 3 + 4)- a new syndrome with significant impacts on the California processing tomato industry - Cassandra Swett
- Biology and management of Sw5 resistance-breaking tomato spotted wilt virus strain in Central California - Thomas Turini

12:30 PM: Lunch break

2:30 to 4:00: Session 3 - Processing & Technology (Moderator: Virginia Fernandez Ruiz)
- Valorisation of tomato wastes and its by-products using UV-C radiation - Sonia Sgroppo
- Introduction of an innovative integrated system for the distinctive valorisation of premium quality Italian northern district processing tomato - Luca Sandei
- Tropical emergent oils used in canned tomato grew in Colombian Plateau conditions - Maria Soledad Hernandez

4:00 PM: Coffee break

4:00 to 5:30: Session 4 - Tomato & Health (Moderator: Luca Sandei)
- Millennial consumers' acceptance and attitude related to salmorejo innovation - Virginia Fernandez Ruiz
- EFSA requirements for demonstrating the beneficial effects of tomato products on platelet aggregation prevention - Montana Camara
- Evaluation of lycopene content in industrial tomato derivatives for the development of products with particular nutraceutical and health-functional properties - Laura Dominguez Diaz
5:30 to 8:00 : **Poster session & cocktail**

**TUESDAY, March 17th, 2020**

09:00 to 10:30 : **Session 5 - Crop Management (Moderator: Carlos Campillo)**
- Results of ten years trial of drip irrigated processing tomato in Hungary - Lajos Helyes
- Water stress monitoring under different water supply levels in tomato-Sandor Takacs
- Effect of regulated deficit irrigation on processing tomatoes HM 1892 yield, quality and water use efficiency, in San Juan, Argentina - Daniela Pacheco
- Impact of low water and nitrogen supply on the texture and color of purees from six tomato varieties - David Page

10:30 AM : Coffee break

11:00 to 12:30 : **Session 6 - Crop Management (Moderator: Cosme Argerich)**
- Development of new agroindustrial strategies for improving tomatoes for industry - Carlos Campillo
- Development of high lycopene tomato varieties for industrial processing - Elif Ercioglu
- Increase yield in tomato seed production by optimization of pollen supply chain and breeding for temperature resistant species - Pamela Klein
- Progress towards processing tomato production and promotion in India - Bindumadhava Hanumantha
- Climate change effects on processing tomato in southern Italy: a simulation study - Dominico Ronga

12:30 PM : Lunch break

2:30 to 4:30 : **Joint with congress - Consumption Revival by Health Promotion (Chair: Gwen Young)** EFSA health claim for tomato products, project overview, findings, relevance, future - Luca Sandei
- Consumers' food choice and healthfulness perception. The impact of front-of-package nutrition labelling systems (FoPL) on tomato products - Montana Camara
- Advances in research on the health benefits of tomatoes – benefits of nutrigenomics - Jean-François Landrier
- Development of foods with function claims based on the health benefits of tomato-derived nutrients - Kazutaka Yoshida

4:30 PM : Coffee break

5:00 PM : **Joint with congress - Motivational speaker**

8:30 PM : Gala dinner

**WEDNESDAY, March 18th, 2020**

10:00 to 11:30 : **Session 7 - Crop Management (Moderator: Patrick Smith)**
- Reducing plant density by the use of rootstocks in processing tomatoes - Cosme Argerich
- Evaluation of rootstocks and planting density for processing tomato production in California's Central Valley- Brenna Aegerter
- Mechanized pruning as a recovery strategy for industrial tomato plants damaged by hail at different times of the vegetative cycle - German Babelis
- Assessment of the plant protection properties provided by bio-active magnesium hydroxide - Robert van Merkestein

11:30 AM : Coffee break

12:30 PM : **Joint with congress - Closing Ceremony**

1:30 PM : Lunch
List of posters:

- Tomato doubled haploid plant production? Yes we can - Wessel Holtman
- Genotypic variation affecting the main processing features of tomato cultivars - Marton Egei
- Effects of grafting on processing tomato cultivated in organic farming system - Dominico Ronga
- SmarTom operational group: Integrated crops monitoring systems based on remote sensor and hyperspectral images - José Luis Llerena
- Evaluation of soil amendments to replace the use of raw poultry manure in processing tomatoes - Patrick Smith
- Evaluation of spectral signatures for the identification of fertilisation status in processing tomato crop - Juan Ignacio Macua
- Operational group VALORARES: Influence of agroindustry waste compost and compost tea on processing tomato crop - José Luis Llerena
- Evaluation of different indicators of nitrogen plant status for the guidance of plant nitrogen fertilisation in a processing tomato seedling - Carlos Campillo
- Effect of growth promoting rhizobacteria (gprs) in the mitigation of water deficiency of tomato plants - Lajos Helyes
- Effects of regulated deficit irrigation on total soluble solids evolution on processing tomato - Carlos Campillo
- Effect of organic and non-organic nutrient supply on yield, soluble solids content and brix yield of processing tomatoes on sandy soil - Sandor Takacs
- Effect of controlled deficit irrigation on yield and fruit quality in processing tomatoes HM 7883, in San Juan Argentina - Alfredo Olguín Pringles
- The effect of deficit irrigation in processing tomato for the important industrial parameters - Zoltan Pek
- Preemptive development of management strategies for branched broomrape: an emerging threat to california tomato production - O. Adewale Osipitan
- The scientific production in tomato processing- José Luis Llerena
- Characterization and trends on active and optimum days for processing tomato in the European Union - José Luis Llerena
- Elaboration of eco-hybrided material for rural infrastructures from byproducts of the tomato processing industry- Rubén Sánchez
- Biomethanation of tomato by-products at industrial scale: feasibility study - Rubén Sánchez
- Variability in volatile contents in raw processing tomatoes and tomato pureees evaluated by SPME-GCMS - Carla Paes Cardoso Cagliari Martins
- Non-destructive determination of quality parameters in tomato based products by near-infrared spectroscopy - M. José Riballo
- The potential of near infrared reflectance spectroscopy (NIRS) for the estimation of quality parameters in tomato paste - M. José Riballo
- TomPrint operational group: cloud computing tool for calculating the carbon footprint and water footprint of processing tomato - José Luis Llerena
- Description of the concentrated tomato microflora before heat treatment - Rubén Sánchez
- Development of adapted tomato-based products to improve the quality of life of people with Autism Spectrum Disorder (ASD) - M. José Riballo
- Response of wild tomato accessions to invasive insect pest Tuta absoluta (Meyrick) (Lepidoptera:Gelechidae) under Indian condition - Pritha Ghosh