

Program

Monday, April 22

16:00-18:30	Registration
19:00-20:00	Welcome ceremony at Avignon town hall

Tuesday, April 23

8:00	Registration, Welcome coffee, Poster set up, Presentation uploading
9:00	Introductory talks Christian HUYGHE, Agriculture Scientific Director, INRAE Bénédicte QUILOT, Director of GAFL Research Unit, INRAE
9:20	Keynote lecture : Christian HUYGHE , Directeur scientifique Agriculture, INRAE Challenges of tomorrow's fruit arboriculture and how they apply to plum and apricot species [Ki]
9:55	Keynote lecture: Matthieu SERRURIER , Economic Studies Department, CTIFL Inventory and socio-economic issues at the National and International level [Kii]
SESSION 1 Orchard management	
10:45	Keynote lecture: Davide NERI , Agriculture, Food and Environment, Polytechnic University of Marche How to manage the orchard in a changing climate: new opportunities [K1]
11:30	Loreto CONTADOR Effect of intensity of winter pruning on fruit quality and sensory analysis on 'French prune' plum (<i>Prunus domestica L.</i>) for fresh market [O1.1]
11:45	Danilo CHRISTEN Alternative plant protection strategies in apricot growing from agronomic, economic and environmental perspectives [O1.2]
12:00 Lunch break - Posters	
13:30	Jill STANLEY The relationship between canopy light irradiance, crop load and fruit quality in mature narrow-row planar cordon apricot canopies [O1.3]
13:40	Karen MESA Effect of different auxin materials on growth and maturity of 'French' plum (<i>P. domestica L.</i>) [O1.4]
13:50	Clementine JARDON Agrivoltaic systems, an opportunity to mitigate the risk of climatic hazards in apricot orchards while producing renewable energy [O1.5]
14:00	Abdullah AL HOSNI Calcium Supplementation Ameliorates Salinity stress in Apricot trees irrigated with Reclaimed Wastewater: A Case Study on the Fragile Terraces Ecosystem of Al Jabal Al Akhdar, Northern Oman [O1.6]
14:10	Lindsay BANDA Gas exchange and water relations of Imperial Apricot (<i>Prunus armeniaca</i>) cultivar grafted on Marianna and Apricot rootstocks [O1.7]
14:20	Ilze GRAVITE Growing and production of cultivars on rootstock Wangenheim in the Latvian meteorological conditions [O1.8]



SESSION 2 Postharvest and Quality of fresh and processed fruit	
14:45	Keynote lecture: Jill STANLEY , Science Group Leader, Plant & Food Research Reducing the risk of consumers experiencing poor apricot fruit quality through orchard and postharvest management [K2]
15:30	Coffee break - Posters
16:15	Séverine GABIOUD REBEAUD Impact of postharvest ethylene treatment on apricots [O2.1]
16:30	Irina BACCICHET Apricot fruit quality: small changes today lead to big achievements in consumers' satisfaction of tomorrow [O2.2]
16:45	Sylvie BUREAU Use of a handheld NIR spectrometer for a rapid and non-destructive determination of apricot internal fruit quality in orchards [O2.3]
17:00	Justine GIROUD ARGOUD The physico-chemical signatures of apricot reveal a large variability of their processing ability [O2.4]
17:15	Ingunn OVSTHUS Possible improvements for European plum fruit for fresh consumption [O2.5]
17:30	Franz NIEDERHOLZER Seasonal pattern of sink/source limited fruit growth in 'Improved French' prune [O2.6]
19:00-20:00	Visit Palais des Papes

Wednesday, April 24

8:00	Presentation uploading
SESSION 3 Pests and diseases control	
8:30	Keynote lecture Cindy MORRIS , Plant Pathology, INRAE Metamorphosing epidemiological surveillance into a tool for agroecological management of fruit tree health [K3]
9:15	Nicolas SAUVION Early monitoring of insect vectors is the cornerstone of ESFY management [O3.1]
9:30	Jayasankar SUBRAMANIAN Black Knot resistance in plums: A multi-omic approach to address genetic resistance for an unusual disease [O3.2]
9:45	Véronique DECROOCCQ Resistance to sharka in wild apricot (<i>P. armeniaca</i> L.) natural populations [O3.3]
9:55	Hedia BOURGUIBA Dynamics of microbial communities in apricot species related to the identified phylogeographic groups [O3.4]
10:05	Shadia AL RIJEIBI Oman Botanic Garden's advancement of IPM and biological control strategies for sustainable pest and disease management in apricots: a case study from the northern biome [O3.5]
10:15	Coffee break - Posters
APRICOT AND PLUM SEPARATE SESSIONS	
11:00-12:00	Apricot networking _ <i>Cellier Benoit XII</i>
11:00	Plum presentations _ <i>Chambre du Trésorier</i> Madalina BUTAC The current situation and prospects for plum culture in Romania [Oplum.1]



11:10	Nebojsa MILOSEVIC Could the plum cultivar 'Nada' achieve the global importance seen in earlier cultivars from the Fruit Research Institute, Cacak [Oplum.2]
11:20	Antonieta VERDUGO Efficacy of 1-aminocyclopropane-1-carboxylic acid (ACC) in the thinning of Japanese plums [Oplum.3]
11:30	Victor BEYA Thinning efficacy of 1-aminocyclopropane-1-carboxylic acid (ACC) in Japanese plums [Oplum.4]
11:40	Enrico LODOLINI In continuous over-the-row harvesting for <i>Prunus domestica</i> in Central Italy [Oplum.5]
11:50	Luke MILLIRON Mechanical Pruning Trial after Five Years in 'French' Prune in a California Commercial Orchard [Oplum.6]
12:00	Lunch break - Posters
13:15	Departure for technical tour
19:00	Arrival in Avignon
20:00	Social diner _ Espace Jeanne Laurent

Thursday, April 25

8:00	Presentation uploading
SESSION 4 Biology and Climate Risk Assessment	
8:30	Keynote lecture: Inaki GARCIA DE CORTAZAR ATAURI , AgroClim Unit Director, INRAE Climate change and perennial crops. Some questions about past and future impacts and adaptation and mitigation strategies [K4]
9:15	Pavlina DROGOUDI Historical changes in winter chill and relatedness with apricot bloom and yield, in Northern Greece [O4.1]
9:30	Erica FADON Exploring pollen development to detect endodormancy breaking and determine chilling requirements in apricot cultivars [O4.2]
9:45	Alvaro DELGADO Integrating agro-climatic characterization, chill requirements determination and phenological information to assess the adaptability of apricot and Japanese plum cultivars in a climate change context [O4.3]
10:00	Coffee break - Posters
SESSION 5 Genetic Resources, Genetics and Genomics	
10:45	Keynote lecture: Andrea PATOCCHI , Head of Fruit Breeding Group, AGROSCOPE Twenty-five years of breeding research in apple: Can the lessons learned be of inspiration to apricot and plum breeding research? [K5]
11:15	ROUND TABLE
11:45	Véronique DECROOQ <i>Prunus brigantina</i> : the missing link between apricot and plum species? [O5.1]
12:00	Hedia BOURGUIBA Evolution of genetic diversity patterns of worldwide <i>Prunus armeniaca</i> L. resources [O5.2]
12:15	Sezai ERCISLI Wild apricots (Zerdali): High morphological, biochemical and phytochemical diversity [O5.3]
12:25	Lunch break - Posters
14:00	Igor PACHECO CRUZ Following the track of a genetic variation that drastically modifies the catechin/epicatechin ratio in Japanese plum fruits [O5.4]



14:15	Shuo LIU Research on the flavor and aroma genetic diversity of Chinese plum based on electronic nose and tongue identification [O5.5]
14:25	Fengchao JIANG The evolutionary analysis of the NBS gene family in the genomes of apricot, plum and peach [O5.6]
14:35	Andrea DE LAS MERCEDES TORRES PUNINA and Afif HEDHLY S-genotyping and de novo assembly of S-alleles in re-sequenced Japanese plum cultivars [O5.7] S-locus identification in 96 European apricot cultivars using a synthetic reference sequence of Parm_S-loci [O5.8]
14:55	David GERIN-JEAN Implementation of Marker Assisted Selection: new prospective Insights issued from GWAS approaches for addressing the major traits highlighted by apricot fruit industry [O5.9]
15:05	Juan SALAZAR Advanced Genetic Mapping integrating Genotype by Sequencing and QTL identification of phenology and fruit quality traits in Apricot Progenies [O5.10]
15:15	Marie SERRIE Investigating the multi-disease challenge in apricot through single and multi-environment genome wide association studies [O5.11]
15:25	Coffee break - Posters
SESSION 6 Breeding and evaluation of cultivars and rootstocks	
16:15	Keynote lecture: David RUIZ , Department of Plant Breeding, CEBAS-CSIC Apricot and plum breeding challenges [K6]
17:00	Ted DE JONG Forty years of prune breeding at UC Davis [O6.1]
17:15	David TRICON Ideotyping: a new approach already developed for maximizing the impact of the research activities conducted on apricot in France [O6.2]
17:30	David KARP Commercial cultivation in California and volatile components of 'Green Gage' plum (<i>Prunus domestica</i> L.) [O6.3]
17:45	Michael NEUMULLER Breeding for special traits in European plum by intra- and interspecific hybridization [O6.4]
18:00	Ted DE JONG ISHS presentation Awards, Next meeting choice, Conclusions
18:45	End of day

Friday, April 26

7:30	Departure for day tour
9:30	SEFRA The fruit experimental station Auvergne Rhône-Alpes
11:00	Transfer
11:45	Agricultural high school Lycée Agricole du Valentin Round table
13:15	Lunch break and transfer
14:45	INRAE UERI Gotheron _ Visit of experimental fields
15:45	Transfer
16:45	Visit of Chateau de Grignan
19 :00	Arrival in Avignon

