



COST ACTION FA1204



Vegetable Grafting and the Rhizosphere - TIMETABLE

14-16 September 2015 Humboldt Univ. 14195 Berlin, Lentzeallee 55-57

Sunday, September 13, 2015	
All day	Arrivals
Monday, September 14, 2015	
08:00 – 09:00	Registration
9:00 – 13:00	Session 1 Rhizosphere
9:00	Chair: Marie Torres and Nikolai Velkov
9:10	<ul style="list-style-type: none"> • Welcome (chair of the COST Action; Director of the IGZ) • Invited lecture. Analysis of Primary and Secondary Plant Metabolites in Root Exudates of <i>Arabidopsis thaliana</i> (Katja Witzel, IGZ, Großbeeren)
9:40	<ul style="list-style-type: none"> • Determination of Heritability of Soil Zinc Deficiency Symptoms in Pepper (<i>Capsicum annuum</i> L.) and Mapping for Qtl/Genes Controlling Zinc Efficiency (<u>Pinar,H.</u>, Mutlu,N. Keles,D. Ata,A. Büyükalaca,S., Turkey)
9:55	<ul style="list-style-type: none"> • Screening of rootstocks able to limit arsenic uptake in melon (<u>Stazi,S.R.</u>, Cassaniti,C., Marabottini,R. Allevato,E., Giuffrida, F., Leonardi, C., Italy)
10:10	<ul style="list-style-type: none"> • Effect of reciprocal grafting on growth and development of two contrasting potato cultivars differing in nitrogen efficiency (<u>Ulas,F.</u>, Yetisir,H., Ulas,A., Turkey)
10:25	<ul style="list-style-type: none"> • Response of Cucurbit Breeding Material to Fusarium, Pythium and Meloidogyne spp. (<u>Velkov,N.</u>, Masheva,S., Markova,D., Yankova,V., Lazarova, T., Bulgaria)
10:40	<ul style="list-style-type: none"> • Grafting in France: A national survey to evaluate the complete picture of the situation (<u>Torres,M.</u>, Herouard,C., Fournier,C., France)
10:55	Coffee break
11:15	Chair: Alfonso Albacete and Ana Pina
11:45	<ul style="list-style-type: none"> • Invited lecture. Microbial community in the rhizosphere (Tomislav Cernava, Techn. Univ. Graz, Austria) • Root-to-shoot jasmonic acid signalling under water deficit (<u>de Ollas,C.</u>, Arbona,V., Gómez-Cadenas,A., Dodd,I. UK)
12:00	<ul style="list-style-type: none"> • Rootstock genotype-mediated variation in xylem sap metabolite profiles of grafted tomato plants (<u>Albacete,A.</u>, Martínez-Andújar,C., Perez-Alfocea,F., Spain)
12:15	<ul style="list-style-type: none"> • Rootstock-mediated ABA signalling in salinized tomato (Martinez-Perez,A., Ferrández-Ayela,A., Sánchez-García,A.B., Albacete,A., Thompson,A.J., Pérez,J.M., <u>Pérez-Alfocea,F.</u>, Martínez-Andújar, C. Spain)
12:30	<ul style="list-style-type: none"> • Unraveling graft compatibility of scion/rootstock interactions in pepper (<u>Penella,C.</u>, Pina,A., San Bautista,A., López-Galarza,S., Calatayud,A. Spain)
12:45	<ul style="list-style-type: none"> • Inheritance and relationship of important characteristics for determination of graft incompatibility (Irisarri,X., Zhebentyayeva, T., Errea, P., <u>Pina,A.</u> Spain)
13:00 – 14:00	Lunch
14:00 – 15:30	Walking tour. The low energy greenhouses (ZINEG) of the HU Berlin
15:30 – 17:00	Session 2 Shoot/root interactions
15:30	Chair: Smiljana Goreta Ban and Youssef Roupael
16:00	<ul style="list-style-type: none"> • Invited lecture: Phloem transport of proteins and miRNA (Julia Kehr, Univ. Hamburg) • Salinity stress in eggplant can be alleviated by grafting and inoculation with



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16:15	<p><i>Serratia marcescens</i> containing ACC-Deaminase (<u>Turhan,E., Ellialtıođlu,Ş.Ş., Kiran,S. Alverođlu,V., Kuşvuran,Ş. Ateş,Ç. Turkey</u>)</p> <ul style="list-style-type: none"> Improving cadmium stress tolerance in tomato by grafting and AMF (Kumar,P., Lucini,L., <u>Rouphael,Y., Cardarelli,M., Kalunke, R.M., Colla, G., Italy</u>)
16:30	<ul style="list-style-type: none"> Phenotypic Variations in Root Morphology Morphology in <i>Cucurbita</i> spp. rootstock genotypes for cucumber under low temperature (<u>Onur Karađac,O., Özbakir Özer, M., Kar, H., Dođru,M., Yetişir, H. Turkey</u>)
16:45	<ul style="list-style-type: none"> Tolerance of grafted tomato plants to virus infection (Petrov,N., <u>Balacheva,E., Stoyanova,Z., Rodeva, R. Bulgaria</u>)
17:00 – 18:30	Parallel WG Meetings
19:30	Boat tour `Berlin at night` in downtown, starts at Haus der Kulturen der Welt
Tuesday, September 15, 2015	
9:00 – 12:30	Session 3 Plant metabolomics and fruit quality
9:00	<p>Chair: Sevilay Topcu and Dimitrios Savvas Invited lecture. Root engineering for crop improvement using CKX technology Eswarayya Ramireddy, Freie Univ. Berlin, Germany)</p>
9:30	<ul style="list-style-type: none"> Effect of partial root-zone drying on grafted tomato (Branimir U., <u>Dumičić,G., Žanić,K., Goreta-Ban,S. Croatia</u>)
9:45	<ul style="list-style-type: none"> From Ein Tamar to Berlin: On the complicity of <i>Cucurbita</i> rootstocks (<u>Cohen,R., Edelstein,M., Elkabetz, E., Israel; Grosch,R., Förster,P., Schwarz,D. Germany</u>)
10:00	<ul style="list-style-type: none"> Rootstock influences tomato quality at different ripening stage (Giuffrida,F., <u>Cassaniti,C., Mazzaglia,A., Ragonese,F., Muratore,G., Leonardi,C. Italy</u>)
10:15	<ul style="list-style-type: none"> The green colour of the rootstock fruits affect the quality of the scion fruits (Arpaci,S., Tüzel, Y., <u>Aktas,H. Turkey; Schwarz,D. Germany</u>)
10:30	Coffee break
11:00	<p>Chair: Antonella Verzera and Marios Kyriacou</p> <ul style="list-style-type: none"> Exudation and exchange processes in the rhizosphere (Günter Neumann, Univ. Hohenheim, Stuttgart, Germany)
11:30	<ul style="list-style-type: none"> Emerging organic contaminants in fruits of <i>Cucumis melo</i> spp. grafted on different rootstocks (<u>Verzera,A., Cincotta,C.F., Tripodi,G. Dima,G., Paratore,A., Crinò, P., Italy</u>)
11:45	<ul style="list-style-type: none"> Rootstock effect on grafted runner bean yield and fruit quality (<u>Mourão,L., Costa,S., Brito,L.M., Ferreira,M.E., Moura,M.L. Portugal</u>)
12:00	<ul style="list-style-type: none"> Agronomic and physiological responses of tomato when ABA-deficient plant are used as rootstock (<u>Camps,F. Switzerland; Dodd,I. UK</u>)
12:15	<ul style="list-style-type: none"> Yield and quality of two melon [<i>Cucumis melo</i>] cultivars grafted on four <i>C. maxima</i> x <i>C. moschata</i> rootstocks (<u>Soteriou,G.A., Kyriacou,M.C., Cyprus</u>)
12:30 – 13:30	Lunch
13:30 – 16:00	Walking tour in the Botanical Garden FU Berlin
16:00 – 19:00	Meeting of Steering Committee of MC
19:30	Barbecue at the Dahlem Campus



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Wednesday, September 16, 2015. All day technical visit

8:00	Leaving from the Best Western Hotel in 12165 Berlin-Steglitz (Albrechtstr. 2)
9:00	• Farm Buschmann/Winkelmann (www.buschmann-winkelmann.de) cucurbitacea (pumpkin), asparagus and blueberry production
10:30	• Coffee Break
11:30	• Leaving
13:00	• Farm in Raddusch with greenhouse tomato cultivation (www.gemuesering-spreewald.de)
14:30	• Coffee Break
16:00	• Tour through the Spreewald (www.spreewald.de)
18:00	• Barbecue
20:00	Leaving the Spreewald
21:30	Arriving in Berlin

Thursday, September 17, 2015 : Departures

Poster

- 1) Alleviation of Aluminium-induced toxicity in cucumber by grafting (Rouphael,Y., Cardarelli,M., Fiorillo,A., Bernabei,G., Ferri,E., Colla,G. Italy)
- 2) The eggplants crop technology optimization by grafting (Bogoescu,M., Doltu,M., Dorin, S. Romania)
- 3) Growth, Yield and Physiologic Responses of Salt-stressed Tomato to Grafting onto Rootstocks Differing in Salt Tolerance (Dasgan,Y.H., Çoban,A., Aktug,Ö., Bahadir,S., Akhoundnejad,Y. Turkey)
- 4) Resistance Behavior of different tomato root stocks against root-knot Nematodes (Kell,K., Jaksch,T., Henning,V., Hermann,A., Schüchen,S. Germany)
- 5) Physiological and morphological responses of pepino as affected by grafting with tomato and eggplant under salt stress conditions (Ulas,A., Yetisir,H., Yamac,M. Turkey)
- 6) Surviving to salinity conditions through robust pepper rootstock (Penella,C., Landi,M., Guidi,L., Nebauer,S.G., Pellegrini,E., San Bautista,A., Remorini,D., Nali,C., López-Galarza,S., Calatayud,A. Spain)
- 7) Response of *Cucumis metuliferus* accession BGV11135 against Mi virulent and avirulent populations of *Meloidogyne* spp. and effect on fruit melon quality. (Exposito,A., López-Gómez,M., Munera,M., Giné, A., Nogales,S., Ramos,J., Pujolà,M., Achaerandio,I., Picó,B., Gisbert,C., Sorribas,F.J. Spain)



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