

Poster presentations in alphabetic order

1 Mariangela Arca, INRA

Tristan Mary-Huard; Marie-Christine Le Paslier; Cyril Bauland; Delphine Madur; Valérie Combes; Brigitte Gouesnard; Alain Charcosset; Stéphane Nicolas

Genome-wide SNP genotyping of DNA pools identifies original landraces to enrich maize breeding pools

2 Vojka Babić, Maize Research Institute Zemun Polje

Alain Charcosset; Brigitte Gouesnard; Stéphane Nicolas; Sanja Mikic; Bojan Mitrovic; Cyril Bauland; Violeta Andjelkovic

Genetic diversity of ex-Yugoslav maize landraces assessed with SNP markers within panel of European landraces

3 Goran Bekavac, Institute of Field and Vegetable Crops Novi Sad

Miroslav Zoric; Bojan Mitrovic; Dusan Stanisavljevic

Association among test locations in maize breeding program by factor analytic mixed model

4 Sonja Blankenagel, Technical University of Munich

Viktoriya Avramova; Wilfried Rozhon; Brigitte Poppenberger; Monika Frey; Chris-Carolin Schön

The ABA 8'-hydroxylase gene family - a promising target for improving water use efficiency in maize?

5 Andrija Brkić, Agricultural Institute Osijek

Mirna Volenik; Mario Franić; Domagoj Šimić; Antun Jambrović; Zvonimir Zdunić; Tatjana Ledenčan; Vlatko Galić

Indirect selection efficiency for agronomic performance of maize hybrids using JIP-test data

6 Ivica Buhinicek, Bc Institute

Zdravko Kozić; Mirko Jukić; Jerko Gunjača; Hrvoje Šarčević; Domagoj Stepinac; Andrija Makar; Domagoj Šimić

Appropriateness of growing early season maize varieties in European corn belt according to long-term experimental and simulation data

7 Zoran Čamdžija, Maize Research Institute Zemun Polje

Milomir Filipović; Ana Nikolić; Nenad Delić; Jovan Pavlov; Dragana Ignjatović Micić; Sofija Božinović

Detecting heterotic pairs between ZP maize inbred lines using SSR markers

8 Ana Cao, Consejo Superior de Investigaciones Científicas (CSIC)

María De la Fuente; Rogelio Santiago; Rosa Ana Malvar Pintos; Ana Butrón

Genetics and transcriptome of maize resistance to kernel contamination with fumonisins

9 Subhadra Chakrabarty, Justus-Liebig-University of Giessen

Raphael Mufumbo; Lisa Aurand; Steffen Windpassinger; Rod Snowdon

PEGASUS: Prediction and Exploitation of Gene bank Accessions – a Study in Ugandan Sorghum

10 Nadia Chibane, Spanish National Research Council (CSIC)

Purificación Marcet; Emma Fernandez; Marlon Caicedo; Pedro Revilla; Bernardo Ordás López
Relationship between senescence and N fertilization, drought and plant density

11 Paolo De Franceschi, Consiglio per la ricerca in agricoltura e l'analisi dell'economia agraria (CREA)

Michela Dall'Agata; Marcello Catellani; Michele Lo Storto; Debora Giorgi; Anna Farina; Sergio Lucretti; Ephrem Habyarimana
Genetic and cytological characterization of Sorghum bicolor and S. halepense hybrid lines

12 Olivera Djordjevic Melnik, Maize Research Institute Zemun Polje

Sofija Bozinovic; Jelena Vancetovic; Jelena Mesarovic; Marija Kostadinovic; Tomislav Zivanovic; Dragana Ignjatović Micić
Reciprocal effect on phytochemical content in maize F1 kernel

13 Anja Dolapčev, Institute of Field and Vegetable Crops Novi Sad

Slaven Prodanović; Vladimir Sikora; Đura Karagić; Snežana Katanski; Branko Milošević; Ana Uhlarik
Phenotypic diversity of the R-lines in grain sorghum collection at the Institute of Field and Vegetable Crops, Novi Sad

14 Catalina Duran Garzon, Université de Picardie Jules Verne

Hélène Sellier-Richard; Jan Drouaud; Ludivine Soubigou-Taconnat; Véronique Brunaud; Marie-Laure Martin-Magniette; Catherine Rayon; Laurent Gutierrez; PhD Sylvie Coursol; Catherine Giauffret
Transcriptome analysis of a chilling tolerance strategy in European maize dent germplasm

15 Vlatko Galić, Agricultural Institute Osijek

Maja Mazur; Andrija Brkić; Josip Brkić; Antun Jambrović; Zvonimir Zdunić; Domagoj Šimić
Integrating genomewide information with photosynthetic performance in predictions of biomass responses to water withholding in young maize plants

16 Athanasios Gavreil, Democritus University of Thrace

Raphael Giouzevas; Christos Alexoudis; Michail Orfanoudakis; Evangelia Sinapidou; Ioannis Tokatlidis; Zisis Vryzas
Response of 14 maize genotypes to a pesticide cocktail

17 Eric G. González-Segovia, Technical University of Munich

Raphael Waliczek; Manfred Mayer; Armin Hölker; Felix P. Frey; Eva Bauer; Frank Hochholdinger; Thomas Presterl; Milena Ouzunova; Chris-Carolin Schön
The role of copy number variants in doubled-haploid lines derived from European maize landraces

18 Stefanie Griebel, Georg-August-University of Goettingen

Bariş Alaca; Stefan Scholten; Timothy Mathes Beissinger
Quantifying the contribution of epistasis to quantitative trait variation with Epistasis Mapping Populations

19 Cathy Jubin, Georg-August-University of Goettingen

Timothy Mathes Beissinger; Henner Simianer
Incorporating genotypic, weather and soil data with machine learning methods for prediction of complex traits in maize

20 Adnan Kanbar, Karlsruhe Institute of Technology

Dema Alhajturki; Ehsan Shakeri; Michael Riemann; Dieter Stapf; Hans Leibold; Peter Nick

Differential sugar transport and accumulation affect vascular bundle architecture in sweet and grain sorghum genotypes

21 L. Koulympoudi, Democritus University of Thrace

G. Kontouris; Ioannis Tokatlidis; Michail Orfanoudakis; Evangelia Sinapidou

Honeycomb arrangement is a powerful tool for selecting superior Zea mays genotypes more compatible with Arbuscular Mycorrhizal Fungi

22 Kai Li, University of Bologna

Alberto Tassinari; Roberto Tuberosa; Silvio Salvi

Gaspé Flint 1.1.1, a new fast flowering maize inbred line

23 Clément Mabire, INRA

Jorge Duarte; Aude Darracq; Ali Pirani; Hélène Rimbart; Delphine Madur; Valérie Combes; Clémentine Vitte; Sébastien Praud; Nathalie Rivière; Johann Joets; Jean-Philippe Pichon; Stéphane Nicolas

High throughput genotyping of structural variations in a complex plant genome using an original Affymetrix® Axiom® array

24 Maja Mazur, Agricultural Institute Osijek

Andrija Brkić; Josip Brkić; Antun Jambrović; Zvonimir Zdunić; Domagoj Šimić; Vlatko Galić

Genomewide analysis of drought stress responses in young plants of maize inbred lines with expired PVP certificate

25 Bojan Mitrovic, Institute of Field and Vegetable Crops Novi Sad

Miroslav Zoric; Dusan Stanisavljevic; Petar Canak; Dejan Dodig; Sanja Mikic; Goran Bekavac

Estimation of grain filling parameters of maize hybrids from different breeding periods

26 Marko Mladenovic, Maize Research Institute Zemun Polje

Nikola Grčić; Sofija Božinović; Jelena Vancetovic; Slaven Prodanović

Evaluation of maize inbred lines for drought tolerance at vegetative stage

27 Peter Muth, Technical University of Munich

Wouter Vahl; Markus Herz; Eva Bauer; Chris-Carolin Schön; Stanislav Kopriva; Caroline Gutjahr

Influence of arbuscular mycorrhiza on stress resistance of European maize inbred lines

28 Bernardo Ordás López, Spanish National Research Council (CSIC)

Zoila Resendiz; Ana Butrón; Rogelio Santiago; María De la Fuente; Rosa Ana Malvar Pintos

Genomic selection for resistance to corn borers

29 Jovan Pavlov, Maize Research Institute Zemun Polje

Jovan Pavlov; Nenad Delić; Zoran Čamdžija; Milan Stevanović; Gordana Branković

Stability analysis in maize using different parametric and non-parametric methods

30 Zoila Resendiz, Spanish National Research Council (CSIC)

Bernardo Ordás López; Ana Butrón; Rogelio Santiago; Jose Cruz Jimenez; Rosa Ana Malvar Pintos

Validation of QTLs detected in a large mapping population by phenotyping a subset of contrasting genotypes

31 Zoila Reséndiz Ramírez, Spanish National Research Council (CSIC)

Zoila Reséndiz Ramírez; Rosa Ana Malvar Pintos; Bernardo Ordás López; Benigno Estrada Drouaillet; José Agapito Pecina Martínez; Ma. del Carmen Mendoza Castillo; José Alberto López Santillán

Maize tolerance to foliar Spodoptera frugiperda damage

32 Valeriu Rotarencu, VAR BREEDING

Advancing haploid induction and chromosome doubling in maize

33 Valeriu Rotarencu, VAR BREEDING

Improving maize synthetic populations and inbred lines

34 André Schaffasz, Justus-Liebig-University of Giessen

Steffen Windpassinger; Rod Snowdon; Benjamin Wittkop

Analyzing the genetic diversity and architecture of reproductive cold tolerance in sorghum

35 Jelena Srdić, Maize Research Institute Zemun Polje

Dragana Branković-Radojčić; Vojka Babić; Tanja Petrović; Marija Milivojević; Aleksandar Radojčić

Evaluation of maize genotypes using non-parametric stability estimates

36 Dusan Stanisavljevic, Institute of Field and Vegetable Crops Novi Sad

Vojka Babić; Miroslav Zoric; Sanja Mikic; Bojan Mitrovic; Natalija Kravic; Violeta Andjelkovic

Combining ability of local landraces for broadening genetic bases of early maize hybrids

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37 Milan Stevanović, Maize Research Institute Zemun Polje

Nikola Grčić; Zoran Čamdžija; Jovan Pavlov; Mile Sečanski; Milica Nikolić; Snežana Maldenović - Drinić

The effects of cytoplasmic male sterility on ASI (anthesis silking interval)

38 Alberto Tassinari, University of Bologna

Kai Li; Elisabetta Frascaroli; Roberto Tuberosa; Pierangelo Landi; Silvio Salvi

Genetic and molecular basis of a tasselseed maize line derived from in-vitro regeneration

39 Laëtitia Virlouvet, INRA

Fadi El Hage; Yves Griveau; Marie-Pierre Jacquemot; Emilie Gineau; Aurélie Baldy; Sylvain Legay;

Christine Horlow; Valérie Combes; Cyril Bauland; Carine Palaffre; Matthieu Falque; Laurence Moreau;

Sylvie Coursol; Valérie Méchin; Matthieu Reymond

Water deficit-responsive QTLs for cell wall degradability and composition in maize at silage stage

40 Tiziana Vonlanthen, Agroscope

Ulrich Buchmann; Jürg Hiltbrunner

Sorghum - an alternative to silage maize in dry locations in Switzerland?