



HARNESSTOM Advanced On-Line Training School



Sept 28th at 09:00 -14:00 Central European Summer Time (~5 hours)

*How to use the 2000 *Solanum pennellii* Backcross Inbred Lines (BILs) and databases to link G2P?*



PROGRAM

Moderator: Toni Granell

9:00 – 9:30 Björn Uadel: The *Solanum pennellii* genome.

9:30 – 10:00 Shai Torgeman: Population structure of the interspecific LOST BILs.

10:00 – 10:15 Shay Trigerman: Genetic mapping of forked inflorescence.

10:15 – 10:30 Break

Moderator: Toni Monforte

10:30 – 11:00 Saleh Alseekh: BIL fruit metabolism.

11:00 – 11:30 Edan Rochsar and Aviv Dombrovsky: Fine mapping of TM1 – a gene for resistance to the Tomato Brown Rugose Fruit Virus.

11:30 - 11:45 Dani Zamir: Comparative BIL mapping of yield QTL under deficit irrigation from two accessions of *Solanum pennellii*.

11:45 – 12:00 Break

Moderator: Mara Ercolano

12:00 – 12:30 Yaniv Semel: The Phenome Networks database.

12:30 – 12:50 Mohamed Zouine: TomExpress and other useful tomato databases.

12:50 – 13:10 Clara Pons Puig: Harnesstom DB and tools

13:10 – 13:30 Giovanni Giuliano: Genotyping for the management of large collections and reconstruction of domestication history.

13:30 – 14:00 Toni Granell, Yaniv Semel, Giovanni Giuliano, Mohamed Zouine, Dani Zamir, Mara Ercolano, Toni Monforte, Christian Bachem: Future Outlook

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The HARNESSTOM project (Title: harnessing the value of tomato genetic resources for now and the future) has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101000716.