HARNESSTOM Advanced On-Line Training School

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

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

Program –

Moderator: *Toni Granell*

9:00 – 9:30 Björn Usadel: 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***