

Venue: Hotel Kolovare (<https://hotel-kolovare.com>), Zadar, Croatia

Day 1, September 18, 2022

G-Bike: Cristiano Vernesi, Michael Bruford, Ino Curik

- 16:00 – 17:00 Registration
- 17:00 – 17:30 Welcome and introduction: Ino Curik & Gregor Gorjanc
- 17:30 – 18:00 G-Bike overview: Cristiano Vernesi
- 18:00 – 18:30 Honesty is the Best Policy: Mike Bruford
- 18:30 – 19:00 Round table: Building the optimal genetic variation management AnGR program across ASD participatory countries (Invited speakers and all participants)
- 19:00 – 20:00 Light food and drinks

Day 2, September 19, 2022

AlphaSimR MOOC "weeks 1-3": Gregor Gorjanc (Exercises: Lubos Vostry & Mario Shihabi)

- 09:00 – 10:30 Introduction to breeding and simulation of breeding programmes (MOOC week 1)
- 10:30 – 11:00 Coffee break
- 11:00 – 12:30 DNA and traits (MOOC week 2)
- 12:30 – 14:00 Lunch
- 14:00 – 15:30 DNA lottery (MOOC week 3)
- 15:30 – 16:00 Coffee break
- 16:00 – 19:00 Exercises (Continuation of the work from previous sessions)

Day 3, September 20, 2022

AlphaSimR MOOC "week 4" & OCS by Gregor Gorjanc (Lubos Vostry & Mario Shihabi)

- 09:00 – 10:30 Selection and response to selection (MOOC week 4)
- 10:30 – 11:00 Coffee break
- 11:00 – 12:30 Optimal contribution selection
- 12:30 – 14:00 Lunch

Breeding programmes (MOOC week 5) - independent work after the course

Effective population size by Ino Curik, Lubos Vostry & Mario Shihabi

- 14:00 – 15:00 Theory of effective population size
- 15:00 – 16:30 Estimating effective population size from simulated data (exercises)
- 16:30 – 17:00 Coffee break
- 17:00 – 18:30 Estimating effective population size from simulated data (exercises)
- 18:30 – 19:30 Closing of the Training School