

SATELLITE WORKSHOP

Application of selection with optimal contributions to management and improvement of populations

A satellite workshop on Application of selection with optimal contributions to management and improvement of populations will be held as part of the International Symposium Animal Science Days (ASD), in Zadar the Kolovare Hotel on September 21-23, 2022.

Instructor: Gregor Gorjanc, The Roslin Institute, <https://www.ed.ac.uk/roslin/highlanderlab>

Genomic characterization, preservation and optimum contribution selection of Croatian dairy sheep
OPTI-SHEEP; IP-2019-04-3559

Program of the workshop:

Wednesday

17.00 Summary and discussion of key ASD course contributions of relevance to the OPTI-SHEEP project and its activities

Thursday

9.00 - 12.00 Revision of the theory of Optimal Contribution Selection

13.30 -17.00 Use of Optimal Contribution Selection as implemented in AlphaMate (applying it to AlphaSimR simulated data and real data)

Open discussion and feed back information

Friday

9.00 - 12.00 Revision of the theory of Optimal Cross Selection

13.30 -17.00 Use of Optimal Cross Selection as implemented in AlphaMate (applying it to AlphaSimR simulated data and real data)

Open discussion and feedback information

Saturday

9.00 - 11.00 Analysis of using pedigree and genomic estimated breeding values and relationship matrices in Optimal Contribution Selection and Optimal Cross Selection

12.00 -15.00 Managing practical constraints of sheep breeding when using Optimal Contribution Selection and Optimal Cross Selection

Open discussion and feedback information

The program is subject to change. Exact coffee and lunch breaks will be arranged with participants daily, depending on the topic completed.

List of participants.

Num.	Name and last name	Institution	e-mail
1.	Anita Ule	Univerza v Ljubljani Biotehniška fakulteta	anita.ule@bf.uni-lj.si
2.	MARKO BIZJAK	UNIVERZA, V Ljubljani, BF, SLOVENIJA	marko.bizjak@bf.uni-lj.si
3.	MARIJA ŠPEHAR	HAPIH	marija.spehar@hapih.hr
4.	MASA FERENCARUIC	AGRONOMSKI FAKULTET	mferencarukovic@agr.hr
5.	Jelena Ramić	-II-	jramijate@agr.hr
6.	TAMARA PAPIVIC	Poljoprivredni fakultet	tamara.papovic@stocarsko.edu.hr
7.	ANTE KASAP	AGRONOMSKI FAKULTET ZG	akasap@agr.hr
8.	HELENE HOFENEDER-BARCLAY	NEOGEN	hhofenederbarclay@neogen.com
9.	Milena Đokić	Biotehnički fakultet, Zagreb	milena.dj1405@gmail.com
10.	MARID SHIHABI	AGRONOMSKI FAKULTET ZAGREB	mshihabi@agr.hr
11.	IVO ČURIK	-II-	icurik@AGR.HR
12.	VLADIMIR BRAKOVIC	-II-	vbrankovic@AGR.HR
13.	VLATKA ČUBRIĆ ČURIK	-II-	vcurbric@agr.hr