

13:00 ----- 15:00	ARRIVAL - REGISTRATIONS	
15:00 ----- 16.45	AUDITORIUM TRITONE APHW, Animal Physiology	
Chairs:	Mariangela Caroprese, Nicola Lacetera	
15:00 ----- 15.30	MAIN LECTURE Helga Sauerwein, <u>Morteza H. Ghaffari</u> , Fabrizio Ceciliani <i>Using metabolomics approaches in transition cow biology for basic and applied science</i>	IS001
15:30 ----- 15.45	<u>Anna Benedet</u> , Marco Franzoi, Mauro Penasa, Erika Pellattiero, Massimo De Marchi Determination of blood metabolites in early lactation dairy cows using	O001
15:45 ----- 16.00	<u>Erminio Trevisi</u> , Matteo Mezzetti, Fiorenzo Piccioli Cappelli, Annarita Ferrari, Giorgia Lovotti, Andrea Minuti Effect of the milk yield amount at the end of lactation on inflammation,	O002
16:00 ----- 16.15	<u>Gabriela Avila Morales</u> , Carlotta Catozzi, Valentina Zamarian, Cristina Lecchi, Fabrizio Ceciliani, Giulia Sala, Davide Pravettoni, Nicola Lacetera Effect of heat stress on monocytes and lymphocytes in dairy cattle	O003
16:15 ----- 16.30	<u>Ludovica Mammi</u> , Damiano Cavallini, Elisa Giaretta, Isa Fusaro, Attilio Mordenti, Andrea Formigoni Study of inflammatory markers in dairy cows exposed to grain rich diet	O004
16:30 ----- 16.45	<u>Alberto Stanislao Atzori</u> , Antonello Ledda, Umberto Bernabucci, Loredana Basiricò, Mondina Francesca Lunesu, Antonello Cannas Starch exposure early in life to enhance metabolic programming of	O004

15:00 ----- 16.45	SALA STAMPA ABG, Genetics of welfare, genetics of resilience	
Chairs:	Alessio Cecchinato, Francesca Ciotola	
15:00 ----- 15.30	MAIN LECTURE <u>Guillermo Rosa</u> , <u>Joao R. R. Dorea</u> , <u>Arthur F. A. Fernandes</u> , <u>Tiago Passafaro</u> Leveraging on High-throughput Phenotyping Technologies to Optimize	IS002
15:30 ----- 15.45	<u>Maurizio Marusi</u> , <u>Giulio Visentin</u> , Claudio Cipolat-Gotet, Andrea Summer, Andrea Formigoni, Marco Nocetti, Martino Cassandro, Giorgio Burchiellaro, Giorgio Civati	O006
15:45 ----- 16.00	<u>Alessio Cecchinato</u> , Mehdi Momen, Gota Morota, Guilherme J.M. Rosa, Daniel Gianola, Sara Pegolo Structural equation models for genome-wide association study (SEM-	O007
16:00 ----- 16.15	<u>Maria Martinez Castellero</u> , Robert Tempelman, Gustavo de los Campos, Ana Ines Vazquez, Hugo Toledo Alvarado, Alessio Cecchinato Reaction norm analyses to infer genotype by environment interaction for	O008

16:15 ----- 16:30	Tania Bobbo, Ali Zidi, Mauro Penasa, Martino Cassandro <i>Cut-off values and genetic aspects of differential somatic cell count in dairy cows</i>	O009
16:30 ----- 16:45	Raffaella Finocchiaro, Jan-Thijs van Kaam, Guido Invernizzi, Giorgio Civati, Martino Cassandro, Giovanni Savoini <i>Setting up genetic evaluation for feed efficiency in Italian Holsteins</i>	O010

15:00 ----- 16:45	SALA RAVELLO LS, Aquaculture	
Chairs:	Pierpaolo Gatta, Alessandra Roncarati	
15:00 ----- 15:30	MAIN LECTURE Alessio Bonaldo <i>Efficient aquafeed production and management in a circular futur</i>	IS003
15:30 ----- 15:45	Gloriana Cardinaletti, Donatella Volpatti, Chiara Bulfon, Paola Beraldo, Maria Messina, Emilio Tibaldi <i>Effects of nucleotide supplementation in diets high in soybean meal on</i>	O011
15:45 ----- 16:00	Roberto Cerri, Gloriana Cardinaletti, Fabrizio Capoccioni, Michela Contò, Giuliana Parisi, Natascia Biondi, Francesca Tulli, Emilio Tibaldi <i>Nutritive value of novel feed protein sources to Rainbow trout (O. mykiss)</i>	O012
16:00 ----- 16:15	Terova Genciana, Simona Rimoldi, Elisabetta Gini, Federica Iannini, Marco Saroglia <i>Monoglycerides of short- and medium- chain fatty acids: effects on growth</i>	O013
16:15 ----- 16:30	Lorenzo Morsiani, Luca Parma, Nicole Francesca Pelusio, Serena Busti, Matteo Zerlotin, Lorenzo Mariani, Pier Paolo Gatta, Alessio Bonaldo <i>Interaction between dietary composition and seasonal temperature</i>	O014
16:30 ----- 16:45	Serena Busti, Luca Parma, Nicole Francesca Pelusio, Maurizio Mazzoni, Oliviero Mordenti, Francesco Dondi, Pierpaolo Gatta, Alessio Bonaldo <i>Effects of different feeding frequencies on growth, feed utilization, plasma</i>	O015

16:45 ----- 17:15	COFFEE BREAK	
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17:15 ----- 18:30	AUDITORIUM TRITONE LS, GHG emissions in livestock	
Chairs:	Massimo Trabalza Marinucci, Serena Calabrò	
17:15 ----- 17:30	Giulia Gentile, Stefano Schiavon, Mauro Spanghero, Franco Tagliapietra <i>Gas and methane production from two rumen inoculums, used fresh or refrigerated, frozen or freeze-dried</i>	O027
17:30 ----- 17:45	Francesca Ghilardelli, Samantha Sigolo, Benedetta Brambilla, Sara Bruschi, Aldo Prandini, Francesco Masoero, Antonio Gallo <i>Fermentation pattern and volatile organic compounds to cluster poorly</i>	O028
17:45 ----- 18:00	Afro Quarantelli, Marco Renzi, Marica Simoni, Francesca Martuzzi, Mario Rosato, Ernesto Mario Zambini, Federico Righi <i>Improve ruminal fermentations through the use of an automated gas</i>	O029

18:00 ----- 18:15	<u>Paolo Bani</u> , Alireza Bayat, Olga Gachiuta, Valentina Ficuciello, Giulia Ferronato <i>Faeces as source of information on dairy cattle GHG emissions</i>	O030
18:15 ----- 18:30	<u>Damiano Cavallini</u> , Ludovica Mammi, Giorgia Canestrari, Attilio Mordenti, Alex Pape, Michael Miller, Rick Grant, Alberto Palmonari <i>Rumination patterns in dairy cows fed high concentrate ration</i>	O031

17:15 ----- 18:45	SALA STAMPA APHW, Tannins in animal nutrition	
Chairs:	Giuseppe Luciano, Giovanni Savoini	
17:15 ----- 17:30	<u>Federica Mannelli</u> , Matteo Daglio, Susana Alves, Rui Bessa, Sara Minieri, Giuseppe Conte, Stefano Rapaccini, Carlo Viti, Arianna Buccioni <i>Effect of vescalagin and gallic acid from chestnut tannins on microbial</i>	O016
17:30 ----- 17:45	<u>Chiara Sarnataro</u> , Mauro Spanghero <i>Effect of chestnut tannins and an extract from Stevia Rebaudiana Bertoni</i> <i>on in vitro rumen fermentation and microbiota</i>	O017
17:45 ----- 18:00	<u>Marco Tretola</u> , Paolo Silacci, Nicolas Pradervand, Giuseppe Bee <i>Hydrolysable tannins: inhibition of microbial abundance in the cecum</i> <i>thereby affecting skatole and indole production in entire male pigs</i>	O018
18:00 ----- 18:15	Serena Reggi, Valentina Caprarulo, Monika Hejna, <u>Stefania Sotira</u> , Matteo Dell'Anno, Vittorio Dell'Orto, Luciana Rossi <i>In vitro evaluation of tannin-based additives for weaned piglets</i>	O019
18:15 ----- 18:30	<u>Marco Zampiga</u> , Luca Laghi, Chenglin Zhu, Adele Meluzzi, Federico Sirri <i>Effects of dietary supplementation of different tannin sources on</i> <i>productive performance and plasma metabolomics profile in broiler</i>	O020
18:30 ----- 18:45	<u>Antonio Natalello</u> , Luisa Biondi, Luca Campidonico, Saheed A. Salami, Massimiliano Lanza, Alessandro Priolo, Giuseppe Luciano <i>Intramuscular fatty acids in lambs supplemented with different tannin</i>	O021

17:15 ----- 18:30	SALA RAVELLO ABG, Poultry genetics	
Chairs:	Cesare Castellini, Martino Cassandro	
17:15 ----- 17:30	<u>Maria Giuseppina Strillacci</u> , Erica Gorla, Sergio Ivan Roman-Ponce, Felipe de Jesús Ruiz, Maria Cristina Cozzi, Vicente Eliezer Vega-Murillo, Angel Rios Utrera, Marina Duran-Aguilar, Silvia Cerolini, Alessandro Bagnato	O022
17:30 ----- 17:45	<u>Alessandro Bagnato</u> , Erica Gorla, Sergio Ivan Roman-Ponce, Felipe de Jesús Ruiz, Vicente Eliezer Vega-Murillo, Angel Rios Utrera, Silvia Cerolini, Maria Giuseppina Strillacci	O023
17:45 ----- 18:00	<u>Simone Ceccobelli</u> , Nkosinathi Nxumalo, Emiliano Lasagna, Nokuthula Winfred Kunene <i>Genetic diversity assessment of Kwa-zulu natal native chickens using SSR</i>	O024

18:00	<u>Dominga Soglia</u> , Stefano Sartore, Sandra Maione, Sihem Dabbou, Paola	O025
-----	Sacchi, Roberto Rasero, Cecilia Mugnai, Laura Gasco, Francesco Gai, Achille	
18.15	Schiavone	
18:15	<u>Cinzia Marchitelli</u> , Michela Contò, Sebastiana Failla, David Meo Zilio, Monica	O026
-----	Guarino Amato	
18.30	<i>Exploring polymorphisms in genes affecting energy metabolism and</i>	

20.30	TYPICAL DINNER IN "AGRUMETO" (Hilton Sorrento Palace)	
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9.00 ----- 10.30	AUDITORIUM ULISSE APHW, Microbiome	
Chairs:	Luciano Pinotti, Lucia Bailoni	
9.00 ----- 9.15	<u>Alberto Palmonari</u> , Silvia Turrone, Elisa Giaretta, Giorgia Canestrari, Andrea Formigoni <i>Effects of Sugars on in vitro Rumen Microbial Ecosystem</i>	O032
9.15 ----- 9.30	<u>Antonio Gallo</u> , Alberto Stanislao Atzori, Rafael Muñoz-Tamayo <i>Modelling in vitro dynamics of fermentation and methane production by cow rumen microbiota at different total mixed rations</i>	O033
9.30 ----- 9.45	<u>Marica Simoni</u> , Federico Righi, Andrea Cresceri, Paola Cremonesi, Marco Severgnini, Bianca Castiglioni, Afro Quarantelli <i>Study of the "in vivo" periodic fluctuation of microbiome composition and</i>	O034
9.45 ----- 10.00	<u>Nida Amin</u> , Barbara Cardazzo, Lisa Carraro, Lucia Bailoni <i>Effect of physiological stages of dairy cows on rumen protozoal community composition revealed by RNA based amplicon sequencing</i>	O035
10:00 ----- 10.15	Luciano Pinotti, <u>Marco Tretola</u> , Matteo Ottoboni, Alice Luciano, Antonella Baldi <i>Growth performance and gut microbiota in post-weaning piglets fed diets</i>	O036
10:15 ----- 10.30	<u>Marcello Comi</u> , Carlotta Giromini, Raffaella Rebucci, Silvia Giorgi, Vittorio Dell'Orto, Valentino Bontempo <i>Administration of green tea and pomegranate extract in drinking water on</i>	O037

9.00 ----- 10.30	AUDITORIUM TRITONE ABG, Genetic diversity	
Chairs:	Luca Fontanesi, Vincenzo Peretti	
9.00 ----- 9.15	<u>Sara Pegolo</u> , Simone Savoia, Alberto Brugiapaglia, Liliana Di Stasio, Alfredo Pauciullo, Andrea Albera <i>Genome-wide association study and functional analysis of carcass and</i>	O038
9.15 ----- 9.30	<u>Roberta Ciampolini</u> , Laurence Flori, Katayoun Moazami-Goudarzi, Salvatore Mastrangelo, Progetto BOVITA, Fabio Pilla, Martino Cassandro <i>Genomic Adaptation of Local Cattle Breeds in the Alpine Massif</i>	O039
9.30 ----- 9.45	<u>Salvatore Mastrangelo</u> , Elena Ciani, Slim Ben Jemaa, Gianluca Sottile, Baldassare Portolano, Fabio Pilla, BOVITA Consortium <i>The Italian cattle breeds in a worldwide context for a genome-wide</i>	O040
9.45 ----- 10.00	<u>Cristina Sartori</u> , Francesco Tiezzi, Nadia Guzzo, Roberto Mantovani <i>Genotype by environment interactions and response to selection for productive traits in a local cattle breed</i>	O041
10:00 ----- 10.15	<u>Maria Chiara Fabbri</u> , Christos Dadousis, Stefano Biffani, Riccardo Negrini, Riccardo Bozzi <i>Conservation status and rates of inbreeding of Italian autochthonous beef</i>	O042
10:15 ----- 10.30	<u>Elena Ciani</u> , Salvatore Mastrangelo, Kaouadji Zoubeyda, Meghelli Imane, Andrea Criscione, Szilvia Kusza, Taki Karsli, Samir Bachir Souheil Gaouar, Rosaria Lucchini, Fabio Pilla, Bovita Consortium	O043

9.00 ----- 10.30	SALA STAMPA LS, New emerging technologies in animal science I	
Chairs:	Paolo Bani, Massimo De Marchi	
9.00 ----- 9.15	<u>Maddalena Zucali</u> , Stefania Celozzi, Anna Sandrucci, Alberto Tamburini, Francesco Maria Tangorra, Lucio Zanini <i>How to measure milking efficiency in dairy cattle farms?</i>	O044
9.15 ----- 9.30	Monica Berlese, Stefano Bovolenta, <u>Mirco Corazzin</u> , Damiano Gianelle, Maurizio Ramanzin, Enrico Sturaro <i>Precision farming approach to assess grazing dairy cows adaptation to</i>	O045
9.30 ----- 9.45	<u>Rosanna Marino</u> , Francesca Petrera, Marisanna Speroni, Teresa Rutigliano, Andrea Galli, Fabio Abeni <i>Unravelling the relationship between milk quality and rumination by a PLF</i>	O046
9.45 ----- 10.00	<u>Maura Sannino</u> , Salvatore Faugno, Francesco Serrapica, Maria Luisa Varricchio, Fernando Grasso, Antonio Di Francia, Felicia Masucci <i>Automatic milking system in Mediterranean buffaloes: experimental</i>	O047
10:00 ----- 10:15	Francesco Maria Tangorra, <u>Veronica Redaelli</u> , Fabio Luzi, Mauro Zaninelli <i>First evaluation of the infrared thermography as a tool for the detection of mechanical stress on cow udder teat due by milking</i>	O048
10:15 ----- 10.30	<u>Marco Acciario</u> , Valeria Giovanetti, Corrado Dimauro, Giampaolo Epifani, Carla Manca, Salvatore Contini, Andrea Cabiddu, Mauro Decandia, Giovanni Molle	O049

9.00 ----- 10.30	SALA RAVELLO ES, Environmental impact of livestock I	
Chairs:	Fulvia Bovera, Claudio Cavani	
9.00 ----- 9.15	<u>Stefania Colombini</u> , Sara Savoldelli, Daniela Lupi, Gianluca Galassi <i>Growth of Hermetia Illucens on different food by-products: conversion efficiency and nutritive value. Part I</i>	O050
9.15 ----- 9.30	<u>Luciana Bava</u> , Costanza Jucker, Stefania Celozzi, Maddalena Zucali <i>Growth of Hermetia Illucens on different food by-products: environmental sustainability. Part II</i>	O051
9.30 ----- 9.45	<u>David Meo Zilio</u> , Monica Guarino Amato <i>Preliminary results of a systematic review on chemical and nutritional characteristics of Musca domestica and Hermetia illucens as feed</i>	O052
9.45 ----- 10.00	<u>Marco Meneguz</u> , Antonio Franco, Andrea Dama, Christian Caimi, Vanda Malfatto, Patrizia Falabella, Laura Gasco <i>Impact of different protein levels and substrates fermentation on the</i>	O053
10:00 ----- 10:15	<u>Marco Cullere</u> , Yazavinder Singh, Giulia Tasoniero, Joris Michiels, Antonella Dalle Zotte <i>Black soldier fly (Hermetia illucens) as dietary source for laying quails: live</i>	O054
10:15 ----- 10.30	<u>Doriana Eurosia Angela Tedesco</u> , Cecilia Conti, Jacopo Bacenetti <i>Environmental sustainability assessment: from fruit and vegetable waste to earthworm as feed source</i>	O055

10.30 ----- 11.30	COFFEE BREAK / POSTER SESSION
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11:30 ----- 13.30	AUDITORIUM ULISSE - PLENARY SESSION Round table: "Functional food and human health"	
Chairs:	Giuseppe Campanile, Agostino Sevi	
11.30 ----- 12.00	MAIN LECTURE <u>Rosalba Giacco</u> <i>From healthy foods to functional foods</i>	IS004
12.00 ----- 12.30	MAIN LECTURE <u>Maria Luisa Balestrieri</u> <i>Functional metabolites in Mediterranean Buffalo productions: impact of</i>	IS005
12.30 ----- 13.00	MAIN LECTURE <u>Antonella Baldi</u> <i>Antioxidants in animal nutrition: benefits and challenges</i>	IS006
13.00 ----- 13.30	Discussion	

13.30 ----- 15.00	LUNCH / POSTER SESSION
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15:00 ----- 17.15	AUDITORIUM ULISSE APHW, Animal nutrition: efficiency	
Chairs:	Federico Infascelli, Salvatore Claps	
15:00 ----- 15.15	<u>Vera Perricone, Alessandro Agazzi, Annamaria Costa, Aldo Calcante, Giovanni Savoini, Massimo Lazzari, Federica Cheli, Antonio Crotti, Diego De Nisi, Francesco Maria Tangorra</u>	O081
15:15 ----- 15.30	<u>Fabio Omodei Zorini, Elena Mariani, Thi Xuan Nguyen, Guido Invernizzi</u> <i>Evaluation of Feed efficiency in Italian Holstein Friesian heifers and lactating cows</i>	O082
15:30 ----- 15.45	<u>Serena Calabrò, Ivan B. Koura, Raffaella Tudisco, Nadia Musco, Alessandro Vastolo, Monica I. Cutrignelli</u> <i>Forage from different area of Benin</i>	O083
15:45 ----- 16.00	<u>Gianni Matteo Crovetto, Giulia Gislon, Stefania Colombini, Andrea Rota Graziosi, Maria Chiaravalli, Luca Rapetti</u> <i>Milk production and digestibility in cows fed diets with different forage</i>	O084
16:00 ----- 16.15	<u>Massimo Todaro, Antonino Di Grigoli, Maria Luisa Scatassa, Cinzia Cardamone, Concetta Maria Messina, Francesca Mazza, Adriana Bonanno</u> <i>Prickly pear pulp in the feeding of livestock ruminants: preliminary</i>	O085

16:15	<u>Luigi Gallo</u> , Luca Carraro, Sudeb Saha	
-----	Body weight and measures of purebred Holstein and crossbred cows from Viking Red, Montbéliarde and Holstein sires	0086
16:30		
16:30	<u>Sudeb Saha</u> , Stefano Schiavon, Luigi Gallo	
-----	Production efficiency of purebred Holstein and crossbred cows from Viking Red, Montbéliarde and Holstein sires	0087
16:45		
16:45	<u>Nicola Bettiga</u> , <u>Veronica Redaelli</u> , Veronica Redaelli, Fabio Luzi, Giovanni Savoini	
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17:00	Quality assessment of corn silage by infrared thermography	
17:00	<u>Manuela Renna</u> , Anne Ferlay, Carola Lussiana, Benoît Graulet, Ueli Wyss, Luca Maria Battaglini, Mauro Coppa	
-----		0089
17:15	Factors affecting the fatty acid profile of permanent grasslands	

15:00	AUDITORIUM TRITONE	
-----	ABG, New breeding technologies I	
17:00		
Chairs:	Niccolò Pietro Paolo Macciotta, Alfredo Pauciullo	
15:00	<u>Martina Zappaterra</u> , Silvia Gioiosa, Giovanni Chillemi, Tiziana Castrignanò, Paolo Zambonelli, Roberta Davoli	
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15:15	Comparative analysis of Semimembranosus muscle transcriptome in Italian	
15:15	<u>Alberto Cesarani</u> , Giustino Gaspa, Lorenzo Degano, Daniele Vicario, Nicolò Pietro Paolo Macciotta	
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15:30	Runs of homozygosity of Simmental bulls raised in five European countries	
15:30	<u>Enrico Mancin</u> , Bolivar Samuel Sosa-Madrid, Agustin Blasco, Roberto Mantovani, Noelia Ibañez-Escriche	
-----		0067
15:45	Efficiency of imputation for genomic selection in rabbits	
15:45	<u>Elisa Cotozzolo</u> , Simona Mattioli, Alice Cartoni Mancinelli, Michele Schiavitto, Paola Principe, Alessandro Dal Bosco, Cesare Castellini	
-----		0068
16:00	Assessment of a fertility and a maternal behaviour index: effect of kindling	
16:00	<u>Mario Graziano Usai</u> , Sara Casu, Bachisio Ziccheddu, Tiziana Sechi, Sabrina Miari, Patrizia Carta, Sotero Salaris, Antonello Carta	
-----		0069
16:15	Using identity-by-descent probability to impute whole genome sequence	
16:15	<u>Sara Casu</u> , Paolo Ajmone Marsan, Mario Barbato, Patrizia Carta, Marcello Del Corvo, Sotero Salaris, Tiziana Sechi, Mario Graziano Usai, Sabrina Miari, Antonello Carta	
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16:30		
16:30	<u>Barbara Auzino</u> , Gianfranco Cosenza, Federica Salari, Mina Martini, Roberta Ciampolini	
-----		0071
16:45	Gene structure analysis of donkey oxytocin-neurophysin I (OXT) gene and	
16:45	<u>Samanta Mecocci</u> , Stefano Capomaccio, Giovanni Chillemi, Andrea Giontella, Raffaele Cherchi, Maurizio Silvestrelli, Alessio Valentini, Katia Cappelli	
-----		0072
17:00	Endurance exercise shifts mature mRNA towards introns: does stress	

15:00 ----- 17.15	SALA STAMPA AP, Dairy small ruminant: functional food and marketing	
Chairs:	Marzia Albenzio, Antonio Pirisi	
15:00 ----- 15.15	<u>Adriana Campione</u> , Bernardo Valenti, Luciano Morbidini, Marcella Avondo, Giuseppe Luciano, Martyna Wilk, Pawel Migdal, Barbara Król, Camilla Pomente, Mariano Pauselli	O056
15:15 ----- 15.30	<u>Salvatore Claps</u> , Maria Antonietta Di Napoli, Lucia Sepe, Giovanni Annicchiarico <i>Effect of destoned olive cake on the milk fatty acid profile</i>	O057
15:30 ----- 15.45	<u>Nadia Musco</u> , Serena Calabrò, Olga Lai, Maria Ferrara, Cristina Roncoroni, Federico Infascelli <i>Influence of breeding system on ewe milk quality</i>	O058
15:45 ----- 16.00	<u>Annamaria Perna</u> , <u>Amalia Simonetti</u> , Giulia Grassi, Emilio Gambacorta <i>Efficiency in sheep milk production: comparison between extensive and intensive management systems</i>	O059
16:00 ----- 16.15	<u>Francesco Lai</u> , Fabio Correddu, Antonello Ledda, Mondina Francesca Lunesu, Roberto Rubattu, Antonio Mazza, Antonio Fenu, Alberto Stanislao Atzori, Antonello Cannas	O060
16:15 ----- 16.30	<u>Annalaura Lopez</u> , Mauro Vasconi, Vittorio Maria Moretti, Federica Bellagamba <i>Influence of different livestock production systems in caprine milk and</i>	O061
16:30 ----- 16.45	<u>Matteo Daghio</u> , Francesco Pini, Anna Espinoza-Tofalos, Luciana Giovannetti, Arianna Buccioni, Andrea Franzetti, Carlo Viti <i>Is pink discoloration defect in Pecorino cheese due to Thermus</i>	O062
16:45 ----- 17.00	<u>Lucia Sepe</u> , Rosanna Salvia, Francesco Paladino, Salvatore Claps, Giovanni Quaranta <i>The answer of the consumers to a cheese with natural vegetable rennet</i>	O063
17:00 ----- 17.15	<u>Arzu Gökdağ</u> , Engin Sakarya, Barbara Contiero, Flaviana Gottardo <i>Socio-Economic Analysis and Current Problems of Saanen Goat Farms in Turkey: A case of Çanakkale Province</i>	O064

15:00 ----- 17.00	SALA RAVELLO LS, New protein sources in aquaculture	
Chairs:	Laura Gasco, Giovanni Piccolo	
15:00 ----- 15.15	<u>Federico Nassivera</u> , Francesca Tulli, Emilio Tibaldi <i>Millennials' attitudes towards insects as feed for sustainable fish</i>	O073
15:15 ----- 15.30	<u>Enrico Daniso</u> , Maria Messina, Francesca Tulli <i>Molecular based identification of insect ingredients in animal feed</i>	O074
15:30 ----- 15.45	<u>Ilaria Biasato</u> , Elena Colombino, Giulia Chemello, Christian Caimi, Marco Meneguz, Sihem Dabbou, Maria Teresa Capucchio, Achille Schiavone, Francesco Gai, Laura Gasco	O075

15:45 ----- 16.00	<u>Christian Caimi</u> , Ilaria Biasato, Giulia Chemello, Achille Schiavone, Marco Meneguz, Sihem Dabbou, Manuela Renna, Francesco Gai, Laura Gasco High protein <i>Tenebrio molitor</i> larvae meal in rainbow trout diet	O076
16:00 ----- 16.15	<u>Simona Rimoldi</u> , Laura Gasco, Chiara Ceccotti, Micaela Antonini, Genciana Terova Black soldier fly (<i>Hermetia illucens</i>) larvae meal as a dietary protein source	O077
16:15 ----- 16.30	<u>Leonardo Bruni</u> , Giulia Secci, Matteo Zarantoniello, Basilio Randazzo, Ike Olivotto, Fabio Mina, Francesca Tulli, Giuliana Parisi Lipid metabolism and fillet quality of rainbow trout fed diets including	O078
16:30 ----- 16.45	Giulia Maricchiolo, Biagina Chiofalo, <u>Letteria Caccamo</u> , Giovanni Marco Cusimano, Lucrezia Genovese, Laura Gasco, Francesco Gai Effects of dietary inclusion of defatted black soldier fly (<i>Hermetia illucens</i>)	O079
16:45 ----- 17.00	<u>Giulia Secci</u> , Leonardo Bruni, Monica Borgogno, Ikram Belghit, Erik-Jan Lock, Giuliana Parisi Fillet qualitative characteristics of Atlantic salmon fed diets including	O080

18:00 ----- 20.00	OPENING CEREMONY in TASSO THEATER	
Chair:	Bruno Ronchi	
	MAIN LECTURE <u>Luigi Zicarelli</u> Modern breeding, taste of products of animal origin and future of Italian	IS007
	MAIN LECTURE <u>Antonio Limone</u> The role of the Vet in the One Health	IS008

8.45 ----- 10.30	AUDITORIUM ULISSE	
Chairs:	Rossella Di Palo, Rosaria Marino	
8.45 ----- 9.30	PLENARY SESSION "Beef production and quality" - MAIN LECTURE <u>Jean François Hocquette</u> <i>For a better future of beef production: improved carcass grading, eating</i>	IS009
09:30 ----- 10.30	AP, Meat quality	
9.30 ----- 9.45	<u>Valeria Petrecca</u> , Siria Tavaniello, Rossella Mucci, Daniela Prioriello, Giancarlo Salvatori, Ondřej Bučko, Giuseppe Maiorano <i>Quality and safety of meat from wild boar hunted in Molise region</i>	O090
9.45 ----- 10.00	<u>Aristide Maggiolino</u> , Rosaria Marino, Alessandra Tateo, Pasquale Centoducati, Jose Manuel Lorenzo, Pasquale De Palo <i>Effect of aging time on the volatile compounds profile of donkey meat</i>	O091
10.00 ----- 10.15	<u>Smili Hanane</u> , Samira Becila, Radjeb Ayad, Fatima Zohra Chakou, Marzia Albenzio, Mariangela Caroprese, Antonella Santillo, Agostino Sevi, Baaissa Babelhadj, Abdelkader Adamou, Abdelghani Boudjellal, Rosaria Marino	O092
10.15 ----- 10.30	<u>Qianlin Ni</u> , Matteo Bergamaschi, Franco Biasioli, Iuliia Khomenko, Giovanni Bittante <i>Effect of cooking method on the volatile organic compound profile of meat</i>	O093

9.30 ----- 10.30	AUDITORIUM TRITONE AP, New frontiers in milk quality	
Chairs:	Angela Gabriella d'Alessandro, Ada Braghieri	
9.30 ----- 9.45	<u>Angela Salzano</u> , Jacopo Troisi, Anna Balestrieri, Giovanni Scala, Francesco Vinale, Giuseppe Campanile <i>Traceability of buffalo milk and mozzarella cheese through metabolomic</i>	O094
9.45 ----- 10.00	<u>Nunzia D'Onofrio</u> , Alessandra Monaco, Angelo Capasso, Rosario Casale, Gianluca Neglia, Giuseppe Campanile, Maria Luisa Balestrieri <i>Antioxidant and Anti-Inflammatory Activities of Buffalo Milk Bioactive</i>	O095
10.00 ----- 10.15	<u>Beatrice Tozzi</u> , Domenico Gatta, Marco Mariotti, Lucia Casini, Sara Minieri <i>Study of nutraceutical substances (Rutin) in sheep's milk fed with buckwheat hay</i>	O096
10.15 ----- 10.30	<u>Iolanda Altomonte</u> , Elio Novembre, Giovanni Brajon, Fina Belli, Franco Corrias, Rosario Licitra, Federica Salari, Lucrezia Sarti, Mina Martini <i>Use of donkey milk in infant feeding</i>	O097

9.30 ----- 10.30	SALA STAMPA APHW, Reproduction I	
Chairs:	Gianluca Neglia, Nicolaia Iaffaldano	
9.30 ----- 9.45	<u>Fabio Mosca</u> , Ahmad Abdel Sayed, Maria Grazia Mangiagalli, Silvia Cerolini, Luisa Zaniboni <i>Quality of chicken semen cryopreserved with different N-methylacetamide</i>	O098
9.45 ----- 10.00	<u>Marek Bednarczyk</u> , Maria Wiechetek, Ewa Lukaszewicz, Artur Kowalczyk <i>Influence of germ line chimerism on chicken reproductive traits</i>	O099
10.00 ----- 10.15	<u>Michele Di Iorio</u> , Giusy Rusco, Angelo Manchisi, Silvia Cerolini, Nicolaia Iaffaldano <i>How can the honey improve the post-thaw quality of turkey spermatozoa?</i>	O100
10.15 ----- 10.30	<u>Giusy Rusco</u> , Michele Di Iorio, Stefano Esposito, Pier Paolo Gibertoni, Bruno Testa, Silvia Cerolini, Alessandra Roncarati, Maria Silvia D'Andrea, Nicolaia Iaffaldano	O101

9.30 ----- 10.30	SALA RAVELLO LS, Aquaculture	
Chairs:	Giuliana Parisi, Francesca Tulli	
9.30 ----- 9.45	<u>Nicole Francesca Pelusio</u> , Luca Parma, Serena Busti, Stefano Porcelli, Enric Gisbert, Maria Angeles Esteban-Abad, Federica D'Amico, Matteo Soverini, Oliviero Mordenti, Antonio Casalini, Pier Paolo Gatta, Alessio Bonaldo	O102
9.45 ----- 10.00	<u>Francesco Bordignon</u> , Gerolamo Xiccato, Cristina Zomeño, Anton Pascual, Marco Birolo, Emanuele Rossetti, Angela Trocino <i>Pre-fattening of Manila clams in a Po Delta lagoon: effect of stocking</i>	O103
10.00 ----- 10.15	<u>Benedetto Sicuro</u> , Beatriz Castelar <i>Integrated freshwater aquaculture: potentialities and limitations of freshwater bivalves utilization</i>	O104
10.15 ----- 10.30	<u>Matteo Dell'Anno</u> , Stefania Sotira, Monika Hejna, Valentina Caprarulo, Serena Reggi, Luciana Rossi <i>In vitro evaluation of macroalgae (Ascophyllum nodosum and</i>	O105

10.30 ----- 11.30	COFFEE BREAK / POSTER SESSION	
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11:30 ----- 13.30	AUDITORIUM ULISSE AP, Meat production, management and marketing perspective	
Chairs:	Giuseppe Maiorano, Pasquale Centoducati	
11.30 ----- 11.45	Lorenzo Bussotti, <u>Gabriele Ferrini</u> , Federico Fava, Giulia Berni, Matilde Ciani, Christos Dadousis <i>In vitro cultured meat: An Italian consumer survey</i>	O106
11.45 ----- 12.00	Ruggero Menci, Mariano Pauselli, Adriana Campione, Camilla Pomente, <u>Luciano Morbidini</u> <i>Consumer test with salami from "Umbria" medium-heavy pork, fed</i>	O107
12.00 ----- 12.15	<u>Simona Mattioli</u> , Alessandro Dal Bosco, Matics Zsolt, Gerencsér Zsolt, Marco Cullere, Szendrő Zsolt, Cesare Castellini, Antonella Dalle Zotte <i>Effect of dietary liquorice extract on the oxidative status of rabbit burgers</i>	O108
12.15 ----- 12.30	<u>Simone Mancini</u> , Roberta Nuvoloni, Francesca Pedonese, Simona Mattioli, Alessandro Dal Bosco, Gisella Paci <i>Effects of garlic powder and salt additions in rabbit meat burgers</i>	O109
12.30 ----- 12.45	<u>Marisa Palazzo</u> , Francesco Vizzarri, Angela Gabriella D'Alessandro, Giovanni Martemucci, Raffaella Rossi, Sabrina Ratti, Carlo Corino, Donato Casamassima <i>Dietary effect of dried bay (<i>Laurus Nobilis</i>) meal on rabbit meat quality</i>	O110
12.45 ----- 13.00	<u>Massimiliano Petraci</u> , Andressa Kühnen Silva, Francesca Soglia, Claudio Cavani <i>Evaluation of Pectoralis minor gaping defect in broiler chickens</i>	O111
13.00 ----- 13.15	<u>Giuseppe Maiorano</u> , Siria Tavaniello, Anna Slawinska, Micol Bertocchi, Marco Zampiga, Marisa Palazzo, Ongwech Acaye <i>In ovo delivery of GOS in slow-growing broiler chickens exposed to heat</i>	O112
13.15 ----- 13.30	<u>Francesca Soglia</u> , Andressa Kühnen Silva, Luciano Morais Lião, Luca Laghi, Massimiliano Petraci <i>¹H NMR metabolite profiling of broiler breast meat affected by muscular</i>	O113

11:30 ----- 12.45	AUDITORIUM TRITONE ABG, Small ruminants genetics	
Chairs:	Fabio Pilla, Elena Ciani	
11.30 ----- 11.45	<u>Licia Colli</u> , Paola Crepaldi, Paolo Ajmone-Marsan, Alessandra Stella, Gwenola Tosser-Klopp, The VarGoats Consortium <i>VarGoats international initiative, a 1000 goat genomes project</i>	O114
11.45 ----- 12.00	<u>Maria Teresa Sardina</u> , Salvatore Mastrangelo, Marco Tolone, Anna Maria Sutera, Angelo Moscarelli, Baldassare Portolano, Rosalia Di Gerlando <i>Copy Number Variations in Sicilian goat breeds inferred from GoatSNP50</i>	O115
12.00 ----- 12.15	<u>Claudio Cipolat-Gotet</u> , Michele Pazzola, Alessandro Ferragina, Andrea Summer, Maria Luisa Dettori, Giuseppe Massimo Vacca <i>Coagulation ability of goat milk from 4 breeds predicted by Fourier-</i>	O116
12.15 ----- 12.30	<u>Rosalia Di Gerlando</u> , Maria Teresa Sardina, Anna Maria Sutera, Marco Tolone, Baldassare Portolano, Salvatore Mastrangelo <i>Identification of copy number variations in Sicilian sheep breeds</i>	O117
12.30 ----- 12.45	<u>Pasqua Rotondi</u> , Maria Antonietta Colonna, Marco Ragni, Prospero Cagnetta, Simona Tarricone, <u>Simona Tarricone</u> <i>Influence of genotype on meat quality in kids</i>	O120

11:30 ----- 13.30	SALA STAMPA LS, Joint session pig	
Chairs:	Giovanna Martelli, Emilio Gambacorta	
11.30 ----- 11.45	Samuele Bovo, Giuseppina Schiavo, Anisa Ribani, Valerio Joe Utzeri, Claudia Geraci, <u>Luca Fontanesi</u> <i>Genetic diversity and signatures of selection in Italian pig breeds and wild</i>	O127
11.45 ----- 12.00	<u>Silvia Tinarelli</u> , Valerio Joe Utzeri, Anisa Ribani, Claudia Geraci, Stefania Dall'Olio, Claudio Bovo, Maurizio Gallo, Luca Fontanesi <i>Mora Romagnola pig breed production chain: MC1R and NR6A1</i>	O128
12.00 ----- 12.15	<u>Paolo Trevisi</u> , Diana Luise, Martina Bertocchi, Vincenzo Motta, Chiara Salvarani, Andrea Luppi, Flaminia Fanelli, Maurizio Mazzoni, Bea K.K. Nielsen, Paolo Bosi	O129
12.15 ----- 12.30	<u>Gizella Aboagy</u> , Stefania Dall'Olio, Martina Zappaterra, Vincenzo Pace, Leonardo Nanni Costa <i>Relationship between in vivo skin discoloration and carcass skin lesions in</i>	O130
12.30 ----- 12.45	<u>Chiara Aquilani</u> , Francesco Sirtori, Oreste Franci, Ilaria Galigani, Antonio Pezzati, Carolina Pugliese <i>Cinta Senese protein requirements from 30 to 65 kg: effects of different</i>	O131
12.45 ----- 13.00	<u>Francesco Sirtori</u> , Chiara Aquilani, Oreste Franci, Doria Benvenuti, Carolina Pugliese <i>Effect of free-range grass grazing on two pigs' genetic types</i>	O132
13.00 ----- 13.15	<u>Riccardo Bozzi</u> , Alessandro Crovetto, Lapo Nannucci, Antonio Bonelli, Sandra Gasparini, Silvia Parrini <i>Use of FT- NIRS to estimate subcutaneous fatty acid groups in</i>	O133
13.15 ----- 13.30	<u>Matteo Ottoboni</u> , Alice Luciano, Gianluca Giuberti, Luciano Pinotti <i>Predicted glycemic index in bakery/confectionary former food products and in former food based pig diet</i>	O134

11:30 ----- 13:00	SALA RAVELLO APHW, Animal Welfare I	
Chairs:	Fabio Napolitano, Silvana Mattiello	
11.30 ----- 11.45	<u>Marco Birolo</u> , Angela Trocino, Andrea Zuffellato, Gerolamo Xiccato <i>Time-based feed restriction and group size in growing rabbits: effects on health status and growth performance</i>	O121
11.45 ----- 12.00	<u>Marta Brscic</u> , Luisa Magrin, Giulio Cozzi <i>Veal calves' abomasal lesions and rumen mucosa alterations investigated post-mortem: is there any way to differentiate "good" from "bad" farms?</i>	O122
12.00 ----- 12.15	<u>Felicetta Carillo</u> , <u>Marisanna Speroni</u> <i>Relationships between farm productivity and housing space allowance. An analysis on a sample of Italian dairy farms</i>	O123
12.15 ----- 12.30	<u>Marco Iannaccone</u> , Andrea Ianni, Ramy Elgendy, Fiorentina Palazzo, Mery Giantin, Lisa Grotta, Gianfranco Cosenza, Mauro Dacasto, Giuseppe Martino <i>Transcriptome profiling of ruminants fed with a micronutrient-</i>	O124
12.30 ----- 12.45	<u>Vincenzo Lopreiato</u> , Andrea Minuti, Domenico Britti, Fiorenzo Piccioli Cappelli, Juan J. Loor, Erminio Trevisi <i>Post calving gene expression of whole blood leukocytes in Simmental and</i>	O125
12.45 ----- 13.00	<u>Edo D'Agaro</u> , Andrea Favaro, Stefano Matiussi, Natalia Akentieva <i>Effects of the nutritional status before of slaughter on the transcriptome and differential expression analysis in rainbow trout (Oncorhynchus mykiss)</i>	O126

13.30 ----- 15.00	LUNCH / POSTER SESSION
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15:00 ----- 17:00	AUDITORIUM ULISSE APHW, Animal health	
Chairs:	Antonella Santillo, Giuseppe Pulina	
15:00 ----- 15:30	MAIN LECTURE <u>Lorraine M. Sordillo</u> <i>Oxylipids and Inflammatory Disorders of Dairy Cows</i>	IS010
15:30 ----- 15:45	<u>Giuseppe Conte</u> , Luca Turini, Francesca Bonelli, Marcello Mele <i>Multivariate factor analysis of milk fatty acid profile: effect of different somatic cells count on nutraceutical composition of single udder quarter</i>	O135
15:45 ----- 16:00	<u>David Wilson</u> , Justine E. Britten, Kerry A. Rood <i>Intramammary infusion of casein hydrolysate for involution of a single mastitic quarter for the remainder of lactation in dairy cows</i>	O136
16:00 ----- 16:15	<u>Adriana Bonanno</u> , Marco Alabiso, Massimo Todaro, Giuseppe Di Miceli, Giuseppe Maniaci, Francesca Mazza, Maria Letizia Gargano, Giuseppe Venturella, Antonino Di Grigoli	O137
16:15 ----- 16:30	<u>Gabriele Acuti</u> , Claudio Forte, Roberto D'Amato, Daniela Beghelli, Luca Regni, Fabrizio Rueca, Primo Proietti, Daniela Businelli, Massimo Trabalza-Marinucci <i>Use of selenium-enriched olive leaves in sheep diets: effects on</i>	O138

16:30 ----- 16:45	<u>Anna Nudda</u> , Giovanna Buffa, Eleni Tsiplakou, Maria Grazia Cappai, Gesumino Spano, Giuseppe Pulina <i>Effects of by-products on oxidative status, metabolic profile, and</i>	O139
16:45 ----- 17:00	<u>Angela Costa</u> , Massimo De Marchi, Giuseppe Campanile, Riccardo Negrini, Gianluca Negli <i>Effect of milk somatic cell level on lifetime milk-related performances in</i>	O168

15:00 ----- 17:00	AUDITORIUM TRITONE ES, Environmental impact of livestock II	
Chairs:	Matteo Crovetto, Fabio Abeni	
15:00 ----- 15:30	MAIN LECTURE <u>Michael J. D'Occhio</u> <i>Feed efficiency, microbiome and sustainable animal production</i>	IS012
15:30 ----- 15:45	<u>Enrico Sturaro</u> , Marco Berton, Stefano Bovolenta, Maurizio Ramanzin, Chiara Spiegarelli, Anna Zuliani <i>Added value of dairy farming in mountain areas: an Ecosystem Services</i>	O146
15:45 ----- 16:00	<u>Mondina Francesca Lunesu</u> , Alberto Stanislao Atzori, Fabio Correddu, Francesco Lai, Roberto Rubattu, Gesumino Spanu, Antonello Cannas <i>Carbon footprint of dairy sheep farms located in different forage systems</i>	O147
16:00 ----- 16:15	<u>Daniela Lovarelli</u> , Giuliana D'Imporzano, Alberto Tamburini <i>Environmental sustainability in dairy farms producing milk for Grana Padano and Parmigiano Reggiano cheese production</i>	O148
16:15 ----- 16:30	<u>Federico Froidi</u> , Sara Corrado, Francesco Masoero, Maurizio Moschini <i>Parameters affecting the carbon footprint of milk at the farm gate</i>	O149
16:30 ----- 16:45	<u>Giulia Gislon</u> , Luciana Bava, Giorgio Borreani, Aldo Dal Prà, Maria Teresa Pacchioli, Ernesto Tabacco, Anna Sandrucci <i>Greenhouse gas emissions associated to cattle milk production in northern</i>	O150
16:45 ----- 17:00	<u>Severino Segato</u> , Giorgia Riuzzi, Vittoria Bisutti, Lorenzo Serva, Flaviana Gottardo <i>Effect of the main dietary roughage source on the N-nutrient use efficiency</i>	O151

15:00 ----- 16:45	SALA STAMPA ABG, New breeding technologies II	
Chairs:	Emiliano Lasagna, Mauro Penasa	
15:00 ----- 15:30	MAIN LECTURE <u>Martino Cassandro</u> <i>Emerging topics in livestock breeding and production</i>	IS011
15:30 ----- 15:45	<u>Giulio Visentin</u> , Raffaella Finocchiaro, Maurizio Marusi <i>Revision of the Aggregate Fertility Index for Italian Holstein-Friesian Dairy Cattle</i>	O141
15:45 ----- 16:00	<u>Nicolò Amalfitano</u> , Giorgia Stocco, Alice Maurmayr <i>Variation of milk protein profile of cows from multi-breed herds</i>	O142

16:00 ----- 16:15	<u>Giustino Gaspa</u> , Alberto Cesarani, Fabio Correddu, Maria Usala, Corrado Dimauro, Nicolò Pietro Paolo Macciotta	O143
	<i>Genomic predictions of milk coagulation properties</i>	
16:15 ----- 16:30	<u>Nicolò Pietro Paolo Macciotta</u> , Alberto Cesarani, Massimo Cellesi, Corrado Dimauro, Giustino Gaspa	O144
	<i>Genomic breeding values accuracies using phenotypes or genotypes</i>	
16:30 ----- 16:45	<u>Michela Ablondi</u> , Claudio Cipolat-Gotet, Jan-Thijs Van Kaam, Massimo Malacarne, Alberto Sabbioni, Andrea Summer	O145
	<i>Signatures of selection in the genome of Italian Holstein cattle for cheese</i>	

15:00 ----- 17:00	SALA RAVELLO AP, Meat quality	
Chairs:	Marcello Mele, Gerolamo Xiccato	
15:00 ----- 15:30	MAIN LECTURE <u>Andrea Serra</u> <i>The oxidation of the lipids in meat. The process, the effect on human</i>	IS013
15:30 ----- 15:45	<u>Francesca Ciucci</u> , Roberta Nuvoloni, Leonor Corrales Retana, Laura Casarosa, Barbara Turchi, Alice Cappucci, Domenico Cerri, Marcello Mele	O152
	<i>Effect of rearing system and packaging method on lipid oxidation and shelf</i>	
15:45 ----- 16:00	<u>Miriam Iacurto</u> , Michela Contò, Francesca Ciucci, Laura Casarosa	O153
	<i>Cattle rearing at pasture or in feedlot farming: quality of meat</i>	
16:00 ----- 16:15	<u>Silvia Parrini</u> , Valentina Becciolini, Lapo Nannucci, Antonio Bonelli, Anna Acciaioli	O154
	<i>Effect of different farming systems on meat quality of Massese lambs</i>	
16:15 ----- 16:30	<u>Leonor Corrales Retana</u> , Eleonora Bulleri, Alice Cappucci, Giuseppe Conte, <u>Andrea Serra</u>	O155
	<i>Effect of Polyphenols supplementation on growth performance and meat</i>	
16:30 ----- 16:45	<u>Massimo Trabalza-Marinucci</u> , Roberta Galarini, Raffaella Branciarini, Patrizia Casagrande-Proietti, Laura Vieceli, Flavia Lucignani, Dino Miraglia, Maria Pia Franciosini, Gabriele Acuti	O156
16:45 ----- 17:00	<u>Siria Tavaniello</u> , Anna Slawinska, Micol Bertocchi, Rossella Mucci, Valeria Petrecca, Federico Sirri, Giuseppe Maiorano	O157
	<i>In ovo delivery of GOS in fast-growing broiler chickens exposed to heat</i>	

SCIENTIFIC PROGRAMME

June 13th

17.00 ----- 17.30	COFFEE BREAK
17:30 ----- 18.00	ORAL PRESENTATIONS & POSTER AWARDS
18:00 ----- 20.00	MEETING OF ASPA MEMBERS
21.00	SOCIAL DINNER (CIRCOLO DEI FORESTIERI)

9.00 ----- 11.15	AUDITORIUM ULISSE	
Chairs:	Pasquale De Palo, Umberto Bernabucci	
9.00 ----- 9.45	PLENARY SESSION "Heat stress in cattle" - MAIN LECTURE <u>Geoffrey E. Dahl</u> , Jimena Laporta <i>Late gestation heat stress in dairy cows: effects on dam and daughter</i>	IS014
9.45 ----- 11.15	APHW, Climate	
9.45 ----- 10.00	<u>Luisa Magrin</u> , Marta Brscic, Isabella Lora, Giulio Cozzi <i>Effect of different flooring systems on claw condition of finishing beef cattle during warm and cold seasons</i>	O158
10.00 ----- 10.15	<u>Paolo Ajmone Marsan</u> , Marcello Del Corvo, Emanuele Capra, Barbara Lazzari, Ludmilla Zavarez, Marco Milanese, Yuri Tani Utsunomiya, Adam Taiti, Guillermo De Paula Noguiera, José Fernando Garcia	O159
10.15 ----- 10.30	<u>Pasquale De Palo</u> , Aristide Maggiolino, Umberto Bernabucci, Attilio Rossoni, Enrico Santus, Andrea Vitali <i>Heat stress in Italian Brown Swiss</i>	O161

9.45 ----- 10.45	AUDITORIUM TRITONE	
9.45 ----- 10.45	<u>Brunella Restucci</u> - MEETING WITH THE REPRESENTATIVE OF THE NATIONAL UNIVERSITARY COUNCIL (CUN)	

9.45 ----- 10.45	SALA STAMPA APHW, Companion animals	
Chairs:	Bruno Stefanon, Biagina Chiofalo	
9.45 ----- 10.15	MAIN LECTURE <u>Giacomo Biagi</u> , Carla Giuditta Vecchiato, Monica Grandi, Carlo Pinna <i>Nutritional modulation of canine and feline intestinal microbiota</i>	IS015
10.15 ----- 10.30	Monica I. Cutrignelli, <u>Nadia Musco</u> , Alessandro Vastolo, Marcia O.S. Gomes, Aulus C. Carciofi <i>Digestibility of extruded diets for cats: in vitro vs. in vivo</i>	O162
10.30 ----- 10.45	<u>Elisa Scarsella</u> , Misa Sandri, Michela Cintio, Sandy Sgorlon, Giuseppe Conte, Bruno Stefanon <i>DogBiome: the gut microbiome project for dog</i>	O163

9.45 ----- 10.45	SALA RAVELLO ABG, Genome editing	
Chairs:	Antonino Nizza, Giulio Pagnacco	
9.45 ----- 10.15	MAIN LECTURE <u>Giulio Pagnacco, Giulietta Minozzi</u> <i>Selection and conservation of Apis mellifera at the time of globalization</i>	IS016
10.15 ----- 10.30	<u>Giulietta Minozzi, Gustavo Gandini, Barbara Lazzari, Elena Facchini, Cecilia Costa, Andrea Talenti, Giulio Pagnacco</u> <i>Unveiling the Biodiversity of the Italian Honeybees by Next Generation</i>	O164
10.30 ----- 10.45	<u>Elena Ciani, Pamela Burger, Samantha Brooks, Faisal Almathen, the International Camel Consortium for Genetic Improvement and Conservation</u> <i>The Illumina® Greater Good Initiative. A further step toward inclusion of</i>	O165

10.45 ----- 11.15	COFFEE BREAK
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11:15 ----- 12:30	AUDITORIUM ULISSE APHW, Reproduction II	
Chairs:	Bianca Gasparrini, Riccardo Negrini	
11.15 ----- 11.45	MAIN LECTURE <u>Pietro S. Baruselli</u> <i>Endocrine and physiological differences between bovine and buffalo</i>	IS017
11.45 ----- 12.00	<u>Nageshvar Patel, Matteo Bergamaschi, Giovanni Bittante</u> <i>Combined use of dairy sexed semen and double-muscled breed semen for beef crossbred calves production in dairy herds</i>	O166
12.00 ----- 12.15	<u>Stefano Biffani, Roberta Cimmino, Giuseppe Campanile, Gianluca Neglia, Rossella Di Palo, Riccardo Negrini, Dario Rossi, Giacomo Bertolini</u> <i>Developing a new selection index for the Italian Mediterranean Buffalo</i>	O167
12.15 ----- 12.30	<u>Riccardo Negrini, Mario Barbato, Licia Colli, Yuri T. Utsunomiya, Jesus R.V. Herrera, Libertado Cruz, Pietro S. Baruselli, Maria E.J. Amaral, Marcela G. Drummond, José F. Garcia, John L. Williams, The International Water Buffalo</u>	O169

11:15 ----- 12:45	AUDITORIUM TRITONE APHW, Animal Welfare II	
Chairs:	Giuseppe de Rosa, Elisabetta Canali	
11.15 ----- 11.45	MAIN LECTURE <u>Fabio Napolitano</u> <i>Animal Welfare Assessment: towards a simplification</i>	IS018
11.45 ----- 12.00	<u>Mirco Corazzin, Monica Berlese, Anna Zuliani, Edi Piasentier, Domenico Vecchio</u> <i>Animal welfare and environmental sustainability of dairy buffalo farms in</i>	O170

12.00 ----- 12.15	Francesco Serrapica, Fabio Napolitano, Ada Braghieri, Giovanni Migliori, Felicia Masucci, Antonio Di Francia, Fernando Grasso, Giuseppe De Rosa	O171
12.15 ----- 12.30	<i>Risk factors associated with the expression of cross-sucking and inter-</i>	
12.15 ----- 12.30	Monica Battini, Anna Agostini, Silvana Mattiello	O172
12.30 ----- 12.45	<i>How can we understand the emotional state of cattle for welfare evaluation purpose?</i>	
12.30 ----- 12.45	Alice Cartoni Mancinelli, Andrea Aliberti, Simona Mattioli, Elisa Cotozzolo, Monica Guarino Amato, Alessandro Dal Bosco, Cesare Castellini	O173
	<i>Behaviour assessment of different poultry genotypes organically reared</i>	

11:15 ----- 12.30	SALA STAMPA LS, Companion animals	
Chairs:	Bruno Stefanon, Biagina Chiofalo	
11.15 ----- 11.30	Bruno Stefanon, Michela Cintio, Elisa Scarsella, Lucilla Iacumin	O174
	<i>Interplay between salivary biomarkers and gut microbiome in dogs</i>	
11.30 ----- 11.45	Natalia Russo, Elena Pagani, Achille Schiavone, Laura Gasco, Joana Nevy, Silvia Martínez, Fuensanta Hernandez, Josefa Madrid, Liviana Prola	O175
	<i>In vivo and in vitro digestibility of extruded dog foods with Hermetia</i>	
11.45 ----- 12.00	Alessia Candellone, Liviana Prola, Pier Giorgio Peiretti, Sonia Tassone, Erica Longato, Daniele Pattono, Natalia Russo, Giorgia Meineri	O176
	<i>In vivo and in vitro digestibility, palatability and nutritive quality of</i>	
12.00 ----- 12.15	Emiliano Lasagna, Simone Ceccobelli, Amparo Martinez Martinez, Hovirag Lancioni, Vincenzo Landi, Mario Cosenza, Anthony Gruppetta, Francesca Maria Sarti, Vincenzo Chiofalo, Carlos San José, Luis Monteagudo Ibanez,	O177
12.15 ----- 12.30	Paola Crepaldi, Stefano Frattini, Alessio Negro, Matteo Cortellari, Andrea Talenti	O178
	<i>Metigree: a genomic tool to enhance the well-being of Italian mongrel dogs</i>	

11:15 ----- 12.30	SALA RAVELLO LS, New emerging technologies in animal science	
Chairs:	Annamaria Perna, Antonio Di Francia	
11.15 ----- 11.30	David Wilson, John Middleton, Pamela Adkins, Gregory M. Goodell	O179
	<i>Conventional culture, MALDI-TOF and 16S rRNA compared for test agreement in diagnosis of bacteria in bovine milk samples</i>	
11.30 ----- 11.45	Carlotta Giromini, Raffaella Rebucci, Gabriella Tedeschi, Tamil Selvi Sundaram, Federica Cheli, Antonella Baldi	O180
	<i>Angiotensin Converting Enzyme-1 inhibitory activity of milk proteins</i>	
11.45 ----- 12.00	Corrado Dimauro, Salvatore Pier Giacomo Rassu, Rossella Cossu, Maria Gabriella Serra, Carla Manca, Andrea Cabiddu, Marco Acciaro, Giovanni Molle, Mauro Mameli, Mauro Decandia, Valeria Giovanetti	O181
12.00 ----- 12.15	Nadia Piscopo, Andrea Amici, Maria Pia Pasolini, Giovanni Della Valle, Pierpaolo Coluccia, Orlando Paciello, Luigi Esposito	O182
	<i>Evaluation of the foal Esperia ponies' mortality attributable to predation</i>	