

THE XVth EUROPEAN POULTRY CONFERENCE

DUBROVNIK, CROATIA
17th to 21st September 2018



Programme

SUNDAY, 16th September 2018

16:00-19:00	REGISTRATION
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MONDAY, 17th September 2018

10:00-20:00	REGISTRATION
13:00-14:30	FRAmelco Symposium: Viral challenges in the poultry industry Dr. Maarten de Gussem (Vetworks) & Ir. Olga Dansen (FRAmelco)
15:00-16:30	MSD Animal Health Symposium: Innovax ND-IBD and Exzolt Interactive Symposium
17:00-18:30	EW Nutrition Symposium: AMR-Lessons learned and future perspectives / Guest Speakers: Dr. Adela Maghear (HCWH) and Dr. Suwit Chotinan (Faculty of Veterinary Medicine, Chiang Mai University)
17:00-19:00	Executive committee meeting
20:00-22:00	Welcome Cocktail

TUESDAY, 18th September 2018

08:00-18:00	REGISTRATION
08:30-09:00	Opening Ceremony - Hall: Elafiti
09:00-12:30	Plenary Sessions - Hall: Elafiti
09:00-10:30	PLENARY SESSION 1 / Chair: S. Weigend
09:00-09:40	Are there limits to selection in poultry: theoretical, biological, ethical, environmental? - M. T. Boichard / France
	<i>Discussion</i>
09:45-10:25	How Scientific Innovation may improve egg production and quality or the development of non-food uses of eggs - Y. Nys / France
	<i>Discussion</i>
10:30 - 11:00	COFFEE BREAK AND VIEWING POSTERS
11:00-12:30	PLENARY SESSION 2 / Chair: H. Medić
11:00 - 11:40	Preincubation and incubation conditions, hatching time and broiler growth - S. Yalcin / Turkey
	<i>Discussion</i>
11:45 - 12:25	New insights on breast myopathies - B. Shai / Canada
	<i>Discussion</i>
12:30 - 13:30	LUNCH BREAK

13:30-15:30 **Parallel Oral Sessions**

Session: Nutrition 1 / Minerals in Poultry Nutrition - Hall: Elafiti 1		
Chairs: Z. Uni, Z. Kralik		
Time	Abstract ID	10-minutes oral presentations
13:30-13:43	265	Effects of dietary supplementation of different sources of selenium and different levels of selenium yeast on laying hens - <u>G. Qi</u> , Q. Sun, H. Yue, S. Wu, J. Wang, H. Zhang/China
13:43-13:56	297	Hydroxy-selenomethionine improves feed conversion of heat stressed finisher broilers associated with enhanced Se bioavailability and antioxidant response - <u>J. Michiels</u> , M. Briens, T. Guillou, M. Majdeddin, J. Pincemail/Belgium
13:56-14:09	638	Influence of use of organic minerals in laying hen diets on productive performance, egg quality and bone strength - <u>Z. Janjecic</u> , D. Bedekovic, I. Matanic, M. Madjeruh, I. Kovacev / Croatia
14:09-14:22	312	Micro-Mineral composition and deposition efficiency in the broiler hatching egg - <u>D. Eytan</u> , Z. Uni / Israel
14:22-14:35	351	Effects of two limestone sources differing in particle size in broiler diets with or without phytase - <u>C. Kwakernaak</u> , R. Davin, Y. Djersant-Li / United Kingdom
14:35-14:48	333	Comparison between inorganic and hydroxychloride zinc on performance and carcass characteristics in broiler chickens: a meta-analysis - <u>S. van Kuijk</u> , M. Jacobs, C. Smits, Y. Han / NETHERLANDS
14:48-15:01	555	Calcium level in pre-starter diets of broilers: too high? - <u>C. Araujo Torres</u> , A. Bonilla, A. Dijkslag, A. Isabel Garcia / Spain
15:01-15:14	444	Influence of calcium solubility on egg production and egg quality in 68-week-old laying hens - <u>L. van Eck</u> , D. Lamot, H. Enting, S. Powell / Netherlands
15:14-15:27	401	Phytogenic premix effects on gene expression of intestinal antioxidant enzymes and broiler meat antioxidant capacity - <u>K. Mountzouris</u> , V. Paraskeuas, E. Griela, G. Papadomichelakis, K. Fegeros / Greece
Session: Poultry Health 1 / Vaccines - Hall: Elafiti 2		
Chairs: H. Mohamed Hafez; V. Savić		
Time	Abstract ID	Keynote Lecture
13:30-13:50	502	New insights on application of IBV vaccines - <u>J. (Sjaak) de Wit</u> /Netherlands
Discussion		
Time	Abstract ID	8-minutes oral presentations
13:55-14:04	300	Gel vs spray administration for infectious bronchitis virus: which is better? - <u>B. Jordan</u> , A. Reith, L. Newman/USA
14:04-14:13	83	Comparison two type of inactivated avian infectious bronchitis vaccines (M41 and M41/Dutch variants) in protection against Variant-2 A. Ghalyanchilangeroudi, V. Karimi, R. KH Farahani, H. Hosseini, T. Zabihi, M. Hossein Fallah/Iran
14:13-14:22	260	Adenoviral gizzard erosion in pullet and layer flocks and potential means of prophylaxis due to live vaccination with an apathogenic FAdV-A (CELO) - <u>B. Graf</u> , D. Liebhart, A. Schachner, M. Hess/Austria
14:22-14:31	355	Effect of age of vaccination on antibody titers, clinical signs occurrence and performances after challenge with H9N2 on broilers <u>Y. Bensassi</u> /Morocco

14:31-14:40	52	DNA construct vaccine applied in hatchery as a tool to combat ILT virus circulating in the field - <u>D. Furmanek</u> , P. Stachów/Poland
14:40-14:49	85	Assessment of innate immune response by applying mono or polyvalent live Newcastle disease and Infectious bronchitis vaccinations A. Ghalyanchilangeroudi, P. Hesari, R. KH Farahani, S. Ali Ghafouri, H. Hosseini, N. Sadri, A. Homayounmehr, R. Ehsan, H. Abdollahi, V. Karimi, M. Hossein Fallah, M. Jabbarifakhr/Iran
14:49-14:58	534	Investigation of the effect of live attenuated <i>Escherichia coli</i> vaccination on experimentally induced salpingitis in layers - <u>I. Thøfner</u> , J. Peter Christensen/Denmark
14:58-15:07	627	Autogenous vaccine against <i>Escherichia coli</i> and <i>Gallibacterium anatis</i> reduces losses and improves production on layer farms - <u>Ž. Gottstein</u> , L. Lozica, D. Horvatek Tomić, G. Nedeljkočić, M. Lukač, E. Prukner-Radovčić /Croatia
15:07-15:16	276	Comparison of Two European Gel-Type Diluents vs. Water - <u>L. Newman</u> /USA
15:16-15:25	356	Efficacy of different vaccination programs against colibacillosis after intratracheal challenge at the beginning of laying period in commercial layers - <u>D. Koutsianos</u> , H. Gantelet, L. V. Athanasiou, D. Mossialos, E. Thibault, K. Koutoulis/Greece
15:25-15:34	49	Comparison of commercial broilers flocks vaccinated with a novel DNA construct vaccine applied in hatchery and reared in different field conditions - <u>D. Furmanek</u> , M. Mamczur/ Poland
Session: Poultry Welfare 1 - Laying Hens - Hal: Elafiti 3		
Chairs: V. Ferante, T. Norton		
Time	Abstract ID	8-minutes oral presentations
13:30-13:40	484	Influence of different environmental enrichment programmes on behaviour and utilisation of floor space of pullets and laying hens kept on commercial farms - <u>S. Freytag</u> , B. Spindler, N. Kemper/Germany
13:40-13:50	422	Assessing the Welfare of end of lay hens during the catching and packing process of depopulation - <u>C. Gerpe</u> , M. Toscano, A. Stratmann/Switzerland
13:50-14:00	474	Feeding black soldier fly larvae to laying hens: effects on production performance - M. A.W. Ruis, <u>L. Star</u> , J.L.T. Heerkens, H. J. Kuipers, F. Kromhout, E. Beitler, J. Katoele/ The Netherlands
14:00-14:10	342	Effect of keel bone fractures on laying hen behaviour in a non-cage housing system - <u>A. K. Rentsch</u> , C. B. Rufener, C. Spadavecchia, A. Stratmann, M. J. Toscano/Switzerland
14:10-14:20	217	Welfare assessment of laying hens in four housing systems in Slovenia - <u>O. Zorman Rojs</u> , A. Dovč, M. Červek, M. Zupan/Slovenia
14:20-14:30	240	Being fearful or calm individual predisposes different development of keel bone in laying hens - <u>N. Rokavec</u> , I. Dimitrov, M. Zupan/Slovenia
14:30-14:40	466	Comparing stress levels and behavior in two lines of layer hens transported with and without break - <u>H. Sprafke</u> , R. Palme, J. Reinhard, M. Erhard, S. Bergmann/Germany
14:40-14:50	200	The use of pheromones in laying hens in aviary housing system - <u>N. Sleenckx</u> , I. Kempen, K. De Baere, S. Cardinaels, J. Zoons/Belgium
14:50-15:00	593	Effects of hybrid and ramps status on health parameters and behaviour of laying hens: An on-farm study - <u>N. Mackie</u> , J. Tarlton, S. Buijs, S. De Knibber, B. Ampe, F. Tuytens/ United Kingdom

15:00-15:10	283	Effects of a treatment against <i>Dermanyssus gallinae</i> with fluralaner on welfare parameters in laying hens - <u>D. Temple</u> , D. Escibano, M. Salas, E. Mainau, X. Manteca, I. Petersen, E. Thomas, R. Dolz, C. Escoda, A. Flochlay-Sigognaul/Spain
15:10-15:20	156	Implementation of project results for the rearing of pullets under practical conditions - <u>H. Louton</u> , A. Schwarzer, M. Erhard/Germany
15:20-15:30	198	Economic supporting model to determine optimal age of layers flock Replacement - <u>H. Arazi</u> , Y. Malka, A. Regev/Israel
Session: Antibiotic resistance - Hall: Elafiti 4		
Chairs: I. Rychlik, Ž. Gottstein		
<i>Time</i>	<i>Abstract ID</i>	<i>Keynote Lecture</i>
13:30-13:50	316	Retrospective study on antimicrobial resistance profiles from <i>E. coli</i> isolated from diagnostic samples - <u>C. Hess</u> , B. Grafl, D. Jandreski-Cvetkovics, A. Georgi, M. Hess/Austria
<i>Time</i>	<i>Abstract ID</i>	<i>9-minutes oral presentations</i>
13:50-14:01	41	Microfloral rehabilitation: Normalisation of Gut Function - <u>R. Murphy</u> /Ireland
14:01-14:12	558	The role of the poultry veterinarian in reduction of antibiotic use, intervention study in broiler farms in different EU countries - <u>H. Van Meirhaeghe</u> , M. De Gussem, P. Sanders, C. Chauvin, J. David, N. Ongena/Belgium
14:12-14:23	148	Ecology from farm to fork of microbial drug resistance and transmission” Interventions to reduce antibiotic use - <u>N. Ongena</u> , M. De Gussem, H. Van Meirhaeghe, P. Sanders, M. Van Leuven/Belgium
14:23-14:34	345	Good management and poultry welfare - perfect combination for a responsible use of antimicrobials - <u>I. Ajuda</u> , E. Bianco, B. Bertolina, A. Costa/United Kingdom
14:34-14:45	583	Effective replacement of in-feed antibiotics with a blend of free and buffered organic acids on performance and gut health in broilers - <u>P. Roubos-van den Hil</u> , N. de Groot, Y. Wu, Y. Ding, K. Zhang/ The Netherlands
14:45-14:56	512	Effect of disinfectant use on antibiotic susceptibility of <i>E. coli</i> isolates from broiler houses - H. Maertens, E. Van Coillie, E. Meyer, J. Dewulf, <u>K. De Reu</u> / Belgium
14:56-15:07	493	Practical evidence-based approaches towards reduction of antimicrobial use and antimicrobial resistance - <u>T. van Gerwe</u> , A. Awati, M. Cabellero/ Germany
15:07-15:18	140	Should enzymes be part of your antibiotic reduction strategy? - <u>A. Awati</u> , T. van Gerwe, M. Caballero/Germany
15:18-15:29	519	Dietary nucleosides improved performance and gut health lately in broilers - <u>M. Gopi</u> , J. Rokade Jaywant, T. S Shyamkumar, G. Kolluri, G. Khillare, J. S Tyagi/India
15:30 - 16:00	COFFEE BREAK AND VIEWING POSTERS	
16:00-18:00	Parallel Oral Sessions	
Session: Nutrition 2 / Perspectives on Feeding strategies - Hall: Elafiti 1		
Chairs: W. Siegert, Z. Janječić		
<i>Time</i>	<i>Abstract ID</i>	<i>Keynote lecture</i>
16:00-16:20	193	In-ovo fed nutrients accelerate intestinal brush border maturation towards hatch - N. Reicher, J. Dayan, <u>Z. Uni</u> /Israel
<i>Discussion</i>		

<i>Time</i>	<i>Abstract ID</i>	<i>10-minutes oral presentations</i>
16:25-16:37	471	Digestibility of conventional and organic feedstuffs in laying hens <u>L. Star</u> , M. M. van Krimpen, A. J.W. Mens/The Netherlands
16:37-16:49	414	Effect of split feeding on performance and eggshell quality in laying hens <u>E. Delezie</u> , A. Molnar, I. Kempen, N. Sleenckx, L. Maertens, J. Zoons, J. Buyse/Belgium
16:49-17:01	582	Identification of candidate genes for calcium absorption along the small intestine of the laying hen - <u>A. Gloux</u> , N. Leroy, A. Brionne, E. Bonin, A. Juanchich, G. Benzoni, Y. Nys, J. Gautron, A. Narcy, M. J Duclos/France
17:01-17:13	86	Digestibility coefficients of pea, faba bean and lupin seeds following application of protease in broiler chickens - <u>S. Kaczmarek</u> , M. Kubis, S. Peris, S. Budnik, M. Hejdysz, A. Rutkowski/Poland
17:13-17:25	309	Effects of an organic acid combination with polyphenols via drinking water supplementation on broiler growth performance and ascites incidence under heat stress conditions - A. Sozcu, A. Ipek, <u>K. C. Kjeldsen</u> /Denmark
17:25-17:37	237	Relationship between variations in particle size distribution of mash diets and the occurrence of performance and health issues in German hen flocks - <u>M. Lieboldt</u> , L. Borgelt, P. Wolf/Germany
17:37-17:49	229	The effect of feed restriction on performance, organ development and blood picture of broiler chickens - <u>V. Machander</u> , E. Tůmová, D. Chodová/Czech Republic
17:49-18:00	203	Glycine plus serine requirements of broilers fed low-protein diets <u>J. van Ham</u> , M. Dijkslag, M. van Krimpen/The Netherlands
Session: Poultry Health 2 / Microorganisms - Elafiti 1		
Chairs: A. Franchini, E. Prukner-Radovčić		
<i>Time</i>	<i>Abstract ID</i>	<i>8-minutes oral presentations</i>
16:00-16:10	535	Estimates on the significance of chronic <i>E.coli</i> infections of the reproductive tract in laying hens - <u>I. Thøfner</u> , J. Peter Christensen/Denmark
16:10-16:20	305	Expressional analysis of few immune relevant genes and bio-molecule at nasal mucosal surface against bacterial pathogen <i>Avibacterium paragallinarum</i> - <u>D. Aagza</u> , S. Deshmukh, D. Narang, D. Dekka, H. Singh Banga/India
16:20-16:30	623	Prevalence of <i>Gallibacterium anatis</i> isolated from layer poultry farms in Croatia - <u>L. Lozica</u> , D. Horvatek Tomić, E. Prukner-Radovčić, Ž. Gottstein/Croatia
16:30-16:40	244	Effect of selected yeast fraction on the growth of <i>Clostridium perfringens</i> : quantitative determination of growth inhibition and adsorption capacity <u>E. Santovito</u> , D. Greco, V. Marquis, R. Raspoet, V. D'Ascanio, G. Avantaggiato / Italy
16:40-16:50	304	Different strains of <i>Clostridium perfringens</i> cause different levels of severity of necrotic enteritis in broiler chickens - <u>K. Gharib Naseri</u> , R. Swick, M. Choct, N. Morgan, C. Keerqin, S. Wu/Australia
16:50-17:00	165	Efficacy of specific compositions of 1-monoglycerides of short- and medium chain fatty acids in controlling <i>Salmonella</i> Typhimurium and other serotypes of <i>Salmonella</i> spp. in broiler chickens and in vitro conditions - <u>M. Parini</u> , A. Paoli, A. Buccioni, M. Antongiovanni, P. Massi, G. Tosi, L. Fiorentini/Italy
17:00-17:10	443	Delivery of oligodeoxynucleotides containing CpG motifs (CpG-ODN) by the intrapulmonary route against bacterial septicemia in neonatal broiler chickens - <u>S. Gomis</u> , K.B. Goonewardene, S. Popovich/Canada

17:10-17:20	353	Amino acid substitutions in the Receptor Binding Domain (RBD) of avian influenza viruses subtype H9N2 in Israeli isolates, with human health implications - <u>A. Lublin</u> , I. Shkoda, A. Biton/Israel
17:20-17:30	328	Avian botulism: recent investigations from diagnosis to management (in France) - <u>C. Le Maréchal</u> , R. Souillard, S. Rouxel, T. Poezevara, E. Houard, P. Fach, S. Le Bouquin, M. Chemaly/France
17:30-17:40	284	Effects of feeding Diamond V fermentation metabolites on avian pathogenic <i>E. coli</i> prevalence and antibiotic resistance of <i>E. coli</i> in ceca samples taken from commercial broilers and turkeys - <u>W. Abdelrahman</u> , J. A. Byrd, D. R. McIntyre, H. O. Pavlidis, J. P. Carroll, S. Carlson/USA
17:40-17:50	151	Development and application of a quantitative real-time PCR for the detection of <i>Enterococcus cecorum</i> - <u>A. Jung</u> , H. Petersen, L. Mohr, S. Rautenschlein/Germany
17:50-18:00	84	Comparative study on primers for molecular detection of different infectious bronchitis virus genotypes - <u>A. Ghalyanchilangeroudi</u> , R. Kh Farahani, N. Sedighi, H. Hosseini, M. Jabbarifakhr, F. Mousavi, H. Maghsousdloo/Iran
Session: Breeding and Genetics - Hall: Elafiti 3 Chairs: S. Weigend, M.T. Boichard		
<i>Time</i>	<i>Abstract ID</i>	<i>10-minutes oral presentations</i>
16:00-16:10	548	The epigenetic effects of feeding increased methyl donors to Japanese quail - <u>C. Phillips</u> , R. Angel, C. Ashwell/USA
16:10-16:20	437	Broiler body composition is transgenerationally affected by reduced dietary protein levels in breeder hens - <u>S. Schallier</u> , C. Li, J. Lesuisse, N. Everaert, J. Buyse/Belgium
16:20-16:30	294	Visceral fat of broiler and layer chickens and its apparent endocrine role in female reproduction - <u>M. Friedman-Einat</u> , S. Yosefi, D. Shinder, M. Rozal, E. Seroussi/Israel
16:30-16:40	372	Exploiting extreme phenotypes to investigate haplotype structure and detect signatures of selection for body weight in broilers - <u>E. Tarsani</u> , A. Kominakis, G. Theodorou, I. Palamidi/Greece
16:40-16:50	494	Effect of long-term heat stress on production, egg quality and physiological traits in four experimental lines of layers differing in heat tolerance and feed efficiency - <u>A. Tholance</u> , D. Nyuiadzi, V. M. Darras, D. Laloë, F. Jaffrezic, S. Lagarrigue, A. Rau, A. Colli, T. Zerjal/France
16:50-17:00	625	Genome-wide association study for eggshell crystal structures in chicken - <u>C. Sun</u> , Z. Duan, G. Xu, N. Yang/China
17:00-17:10	509	The use of axial-transmission ultrasound to determine bone quality in the laying hen - <u>H. McCormack</u> , E. Sanchez-Rodriguez, C. Benavides-Reyes, A. B. Rodríguez-Navarro, B. Andersson, W. Icken, N. Sparks, D. de Koning, I. C. Dunn/United Kingdom
17:10-17:20	526	Genetic relationship between the keel bone palpation score and performance traits in white layers - <u>B. Andersson</u> , W. Icken, F. Kaufmann/Germany
17:20-17:30	644	Exploiting linkage disequilibrium in GWAS analysis - <u>F. Ramzan</u> , M. Gültas, H. Simianer, D. Cavero, A. O. Schmitt/Germany
17:30-17:40	551	Gene-based mapping and pathway analysis of feather pecking in laying hens - <u>J. Tetens</u> , J. Beier, C. Falker-Gieske, S. Preuß, W. Bessei, J. Bennewitz/Germany
17:40-17:50	207	Different evolutionary dynamics revealed by functional SNP classes in global chicken groups - <u>D. Kholofelo Malomane</u> , H. Simianer, C. Reimer, A. Weigend, S. Weigend/Germany

17:50-18:00	417	Gene pool preservation in poultry- actuality and solutions <u>S. Cherepanov</u> , O. Stanishevskaya/Russian Federation
18:00-18:10	364	Male germ line transplantation as an efficient technique of transgenesis in chicken - <u>P. Trefil</u> , J. Mucksova, A. Koslova, J. Kalina, B. Benesova, J. Hejnar/Czech Republic
18:10-18:20	609	Evaluation of growth and egg production performance of Iranian improved indigenous hens in rural areas - <u>A. Gheisari</u> , J. Amini Jebel Kandi, a. Hesabi Nameghi, H. Norolahia, A. Haghazar Kocheksaraei/Iran
18:20-18:30	<i>Discussion</i>	
Session: Poultry Meat Quality and Safety - Hall: Elafiti 4 Chairs: M. Grashorn, B. Shai		
<i>Time</i>	<i>Abstract ID</i>	<i>Keynote lecture</i>
16:00-16:15	507	European union approaches toward safe poultry meat <u>Hafez Mohamed Hafez</u> /Germany
<i>Time</i>	<i>Abstract ID</i>	<i>8-minutes oral presentations</i>
16:20-16:29	220	Evolution of macroscopic and microscopic broiler breast alteration related to white striping - <u>E. Russo</u> , V. Felice, M. Drigo, C. Lupini, C. Longoni, E. Catelli, A. Dalle Zotte, M. Cecchinato/Italy
16:29-16:38	628	White striping prevalence and its effect on meat quality of broiler chicken breast fillets under commercial conditions <u>S. Golzar Adabi</u> , E. Demirok Soncu, N. Ceylan, N. Kolsarıcı/Turkey
16:38-16:47	408	Comparison of protein profile by SDS-PAGE of broiler breast meat affected by white striping, wooden breast and spaghetti meat myopathies <u>F. Soglia</u> , G. Baldi, E. Babini, C. Cavani, M. Petracci/Italy
16:47-16:56	264	Rearing factors affecting myopathy rate and meat quality in broiler chickens - <u>A. Trocino</u> , <u>A. Pascual</u> , F. Gratta, M. Birolo, C. Zomeño, G. Xiccato/Italy
16:56-17:05	607	Characterization of productive traits and incidence of breast myopathies in a broiler chicken crossbred proposed for alternative production systems - <u>M. Zampiga</u> , M. Petracci, A. Meluzzi, F. Sirri/Italy
17:05-17:14	352	Raw and cooked meat texture as affected by white striping, wooden breast and spaghetti meat myopathies - G. Baldi, F. Soglia, C. Cavani, <u>M. Petracci</u> /Italy
17:14-17:23	277	Effect of myopathy occurrence on quality of broiler chicken breasts during storage - <u>F. Gratta</u> , L. Fasolato, M. Birolo, E. Novelli, M. Petracci, C. Zomeño, A. Piccirillo, A. Pascual Guzmán, G. Xiccato, A. Trocino/Italy
17:23-17:32	238	Occurrence and characterization of biofilms in drinking water systems of broiler houses - <u>S. Maes</u> , T. Vackier, M. Heyndrickx, H. Steenackers, I. Sampers, K. Raes, A. Verplaetse, <u>K. De Reu</u> /Belgium
17:32-17:41	337	Is meat of turkey breeders really different from that of standard turkeys? - <u>P. Chartrin</u> , T. Bordeau, E. Godet, K. Meteau, J. Gicquel, E. Drosnet, S. Briere, <u>M. Bourin</u> , E. Baeza/France
17:41-17:49	529	Volatile fingerprints of raw and cooked meat of different commercial chicken genotypes <u>A. Cartoni Mancinelli</u> , E. Siletti, S. Mattioli, A. Dal Bosco, B. Sebastiani, L. Menchetti, A. Koot, S. Van Ruth, C. Castellini/Italy

09:00-18:00	Poster Sessions Meeting Place - Business Center
Antibiotic resistance	
Breeding and Genetics	
Poultry Welfare	
Nutrition 1	

WEDNESDAY, 19th September 2018

08:00-11:00	REGISTRATION	
09:00-12:30	Plenary Sessions - Hall: Elafiti	
09:00-10:30	PLENARY SESSION 3 / Chair: B. Svihus	
09:00-09:40	Alternative protein sources for poultry nutrition - Steinfeldt S. / Denmark	
<i>Discussion</i>		
09:45-10:25	Non-essential amino acids – the forgotten nutrients? - Siegert W. / Germany	
<i>Discussion</i>		
10:30-11:00	COFFEE BREAK	
11:00-12:30	PLENARY SESSION 4 / Chair: D. Horvatek Tomić	
11:00-11:40	Application of Precision Livestock Farming technologies in the poultry sector - T. Norton / Germany	
<i>Discussion</i>		
11:45-12:25	Managing on-farm health and welfare risks to promote sustainability in poultry industry - Sossidou N. Evangelia / Greece	
<i>Discussion</i>		
12:30-13:30	LUNCH BREAK	
13:40-15:40	Parallel Oral Sessions	
Session: Nutrition 3 / Additives in Poultry Nutrition - Hall: Elafiti 1 Chairs: S. Steinfeld, D. Bedeković		
<i>Time</i>	<i>Abstract ID</i>	<i>10-minutes oral presentations</i>
13:40-13:51	520	Nanoparticles as feed additives in poultry nutrition - A. Hable, R. Hude, S. C. Jagdale/India
13:51-14:02	492	Performance and intestinal microflora of broilers fed the probiotic <i>Bacillus amyloliquefaciens</i> H57 - W. Bryden, Yadav.Bajagai, D. Zhang, X. Li, P. Dart, A. Klieve, P. Hugenholz/Australia
14:02-14:13	211	A probiotic containing viable spores of <i>Bacillus licheniformis</i> reduces caecal colonization of <i>Campylobacter</i> - V. Hautekiet, A. Kanora/Belgium
14:13-14:24	210	A probiotic containing viable spores of <i>Bacillus licheniformis</i> prevents outbreak of necrotic enteritis - V. Hautekiet, A. Kanora/Belgium
14:24-14:35	459	Effect of pH-manipulation of a wheat-based diet on phytase-induced phytate degradation in an in vitro simulation of crop retention - S. Kristoffersen, N. Tao, B. Svihus/Norway

14:35-14:46	138	Phytate disappearance and myo-inositol release in gnotobiotic broiler chickens - V. Sommerfeld, A. Van Kessel, H. L. Classen, M. Schollenberger, I. Kühn, M. Rodehutschord/Germany
14:46-15:57	81	Dried yeast and its enzymatically hydrolyzed derivatives can improve performance and organ development of broiler chickens challenged with <i>Salmonella</i> lipopolysaccharide - E. U. Ahiwe, M. Abdalh, E. Chang'a, M. Al-Qahtani, A. Omede, H. Graham, P. Iji/Nigeria, Australia
15:57-15:08	392	Efficacy of a novel silica supplement fed to broilers - S. E. Prentice, D. J. Belton, D. V. Scholey, C. C. Perry, E. J. Burton/United Kingdom
15:08-15:19	178	Barley in broiler diets: Optimum inclusion and response to carbohydrase enzyme - R. Abdollahi, K. Perera, R. Ravindarn, F. Zaefarian/New Zealand
15:19-15:30	48	Effect of licorice essential oils on meat quality and cecal microbial population of broiler chickens - A. Yaghobfar, A. Hossein Alizadeh-Ghamsari, S. Abdoullah Hosseini, M. Garavand, S. Davood Sharifi/Iran
15:30-15:41	642	Poultry meat quality & functionally food - F. Rutz, E. Xavier, D. Lopes, V. Roll, J. Nunes, A. Roll/Brazil
Session: Poultry Health 3 / Parasites - Hall: Elafiti 2 Chairs: O. Sparagano, D. Horvatek Tomić		
<i>Time</i>	<i>Abstract ID</i>	<i>8-minutes oral presentations</i>
13:40-13:49	269	Comprehensive epidemiological investigations support the role of <i>Histomonas meleagridis</i> for systemic translocation of <i>Escherichia coli</i> in chickens - S. Paudel, B. Stessl, C. Fürst, D. Jandreski-Cvetkovic, C. Hess, M. Hess/Austria
13:49-13:58	318	Influence of alternative husbandry systems on post-mortem findings and prevalence of important bacteria and parasites in layers - determined from end of rearing until slaughter - A. Zloch, S. Kuchling, M. Hess, C. Hess/Austria
13:58-14:07	282	Treatments of gastrointestinal problems in broiler breeders and pullets after coccidiosis vaccination – a retrospective study - M. Vereecken, K. De Gussem, M. De Gussem, P. Mitsch/Belgium
14:07-14:16	272	Monitoring after coccidiosis vaccination- sample collection and dynamics in different housing systems - M. Vereecken, P. Mitsch, K. De Gussem/Belgium
14:16-14:25	212	A probiotic containing viable spores of <i>Bacillus licheniformis</i> improves gut health after coccidiosis vaccination - V. Hautekiet, M. Vereecken/Belgium
14:25-14:34	379	Overview on the efficacy of paromomycine as a treatment for commercial turkeys experiencing outbreaks with <i>Histomonas meleagridis</i> - M. Vereecken, D. Wunderl, K. De Gussem, W. Depondt, B. Mägdefrau-Pollan/Austria
14:34-14:43	261	Hens in mixed meat turkey flocks separated by wire fence from toms showing high mortality due to histomonosis are infected based upon laboratory diagnostics - B. Graf, T. Sulejmanovic, B. Jaskulska, I. Bilic, D. Liebhart, M. Hess/Austria
14:43-14:52	510	Effects of diet dilution on bone development and mineralization of coccidiosis-infected broilers - I. Oikeh, P. Sakkas, J. Taylor, D. Blake, I. Kyriazakis/United Kingdom
14:52-15:01	508	Phytogenics improve resilience against coccidiosis and secondary intestinal infections in broilers - J. Dirk van der Klis, L. Jungbauer, A. Mueller/Austria

15:01-15:10	298	Coccidiosis control with farm management to prepare for “No antibiotics ever” production - <u>L. Newman</u> , A. Montoya/USA
15:10-15:19	251	Efficacy of a monensin/nicarbazin combination in the control of coccidiosis in turkeys under floor pen conditions using a seeder model <u>M. Marien</u> , <u>B. Dehaeck</u> , M. Vereecken, M. Geerinckx, K. De Gussem/Belgium
15:19-15:28	246	Comparison of different anticoccidial programs on coccidiosis control of broilers under floorpen conditions: shuttle versus full - <u>M. Marien</u> , <u>B. Dehaeck</u> , M. Vereecken, M. Geerinckx, K. De Gussem/Belgium
15:28-15:37	28	Efficacy of Gallifen® 40 mg/ g premix against natural infections of <i>Ascaridia galli</i> and <i>Heterakis gallinarum</i> in layer chickens <u>W. Depondt</u> , A. Kanora, M. Vereecken, L. Claerhout/Belgium

Session: Poultry Welfare 2 / Broilers – Hall: Elafiti 3

Chairs: W. Bessei, V. Michel

Time	Abstract ID	10-minutes oral presentations
13:40-13:50	33	Evaluating environmental enrichment for broiler chickens using the transect method - <u>N. Ben Sassi</u> , J. Vas, G. Vasdal, X. Averos, I. Estevez, R. Newberry/Spain
13:50-14:00	45	To catch or not to catch? That is not the only question in an educational program for catchers - <u>K. Kittelsen</u> , E. Georg Granquist, R. Oppermann Moe, E. Tolo/Norway
14:00-14:10	102	Identification of risk factors and prevalence of injuries at different stages of the broiler slaughter process - <u>I. de Jong</u> , H. Reimert, T. Lohman, M. Gerritzen/The Netherlands
14:10-14:20	577	Development of a user-friendly protocol and webtool for monitoring and benchmarking broiler chicken welfare during the pre-slaughter phase - <u>E. Tuytens</u> , L. Jacobs, B. Ampe, L. Duchateau, E. Delezie/Belgium
14:20-14:30	130	Environmental enrichment increases positive activity in broiler chickens - <u>G. Vasdal</u> , J. Vas, R. Newberry, R. Moe/Norway
14:30-14:40	194	The effect of different eggshell temperature patterns during incubation on broiler chicken behavior determined by an automatic tracking system - <u>R. Molenaar</u> , E. de Haas, T. Rodenburg, L. Olde Bolhaar, H. Wijnen, H. van den Brand/The Netherlands
14:40-14:50	209	A probiotic containing viable spores of <i>Bacillus licheniformis</i> reduces lameness in broilers - <u>V. Hautekiet</u> , A. Kanora/Belgium
14:50-15:00	340	‘European Broiler Ask’ – The new era for poultry welfare - <u>I. Ajuda</u> /United Kingdom
15:00-15:10	404	Production performance of two dual-purpose chicken breeds in a mobile stable system - <u>F. Kaufmann</u> , U. Nehrenhaus, R. Andersson/Germany
15:10-15:20	409	Value creation by a novel ceiling-based mobile broiler system (“ChickenBoy”) for improving animal health, welfare and productivity <u>J. Hartung</u> , H. Lehr, D. Rosés, M. Mergeay, J. van den Bossche/Germany
15:20-15:30	528	Effect of feed color on growth performance and tonic immobility in broiler chicks - <u>M. Toghiani</u> , M. Ali Mesmarian/Iran

Session: Poultry Housing and Management – Hall: Elafiti 4

Chairs: R. Akbay, R. Mulder

Time	Abstract ID	10-minutes oral presentations
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13:40-13:52	530	Innovative agroforestry models: chickens in olive orchards and geese in vineyards - <u>S. Mattioli</u> , A. Cartoni Mancinelli, E. Cotozzolo, A. Rosati, A. dal Bosco, M. Guarino Amato, C. Castellini/Italy
13:52-14:04	69	Microbial-mineral manure additive reducing odours - <u>S. Opalinski</u> , M. Korczynski, K. Kalus, R. Kolacz, Z. Dobrzanski, B. Gutarowska/Poland
14:04-14:16	195	Improving external egg quality in enriched cages - <u>I. Kempen</u> , N. Sleenckx, S. Cardinaels, K. De Baere, J. Zoons/Belgium
14:16-14:28	201	On farm hatching in broilers – Effect on production, welfare and profitability - <u>I. Kempen</u> , K. De Baere, S. Cardinaels, N. Sleenckx, J. Zoons/Belgium
14:28-14:40	228	Influence of the housing system on mating behavior in two broiler breeder hybrids - <u>S. G. Gebhardt-Henrich</u> , A. Jordan, M. J. Toscano, H. Wuerbel/Switzerland
14:40-14:52	313	Providing ramps during rearing improves bone strength in laying hen pullets - <u>A. Stratmann</u> , D. Guggisberg, J. Siegford, M. Toscano/Switzerland
14:52-15:04	375	The role of farms of Galliformes birds during 2016-2017 avian influenza epizootic in Europe - <u>V. Tsiouris</u> , V. Tarantili, A. Mitsi, E. Sossidou, I. Georgopoulou/Greece
15:04-15:16	434	Effect of time period between hatching and the onset of feeding on the physiology and growth of broiler chicks - <u>R. Cepero</u> , M. Mar Campo, M. Bataller, A. Fernández/Spain
15:16-15:28	482	Perch use by broiler breeders in commercial flocks - <u>B. Spindler</u> , A. Brandes, M. Franziska Giersberg, N. Kemper/Germany
15:28-15:40	208	Qualification and continuing education for people working in the poultry sector - <u>F. Kaufmann</u> , L. Klambek, I. Angela Goy, H. Grygo, R. Andersson/Germany

Session: Egg Safety and Quality – Hall: Nocturno

Chairs: Y. Nys, H. Medic

Time	Abstract ID	Keynote lecture
13:40-14:00	30	Effect of yolk on functional properties of chicken eggs <u>M. A. Grashorn</u> , F. Hüeber, N. Kretzschmar/Germany
<i>Discussion</i>		
Time	Abstract ID	10-minutes oral presentations
14:05-14:17	117	Production and characteristics of functional egg based products with high biological and nutritive value - <u>V. Mazo</u> , I. Stefanova, A. Kavtarashvili, I. Mokshantseva/Russian Federation
14:17-14:29	247	Effect of dietary microalgae oil supplementation on fatty acid composition and sensory profile of table eggs in laying hens - <u>J. Wang</u> , G. Qi, S. Wu, H. Zhang/China
14:29-14:41	343	Influence of eggshell quality and egg white protein composition on <i>Salmonella</i> spp. Contamination - <u>N. Domínguez Gasca</u> , M. Hincke, A. Muñoz, A. Rodríguez-Navarro/Spain
14:41-14:53	307	Evaluation of antioxidative capacity of egg by using the ORAC and SOAC assay - <u>Y. Wang</u> , Y. Tanaka, H. Hatta/Japan
14:53-15:05	403	EDIL3 and MFG8: key proteins in the biomineralization of the hen eggshell - <u>L. Stapano</u> , N. Le Roy, J. Ezagal, J. Poirier, V. Labas, L. Combes-Soia, J. Gautron/France

15:05-15:17	405	Proteomics and ultrastructural study of the Guinea fowl eggshell at key stages of the biomineralization - <u>N. Le Roy</u> , A. Brionne, L. Combes-Soia, V. Labas, A. Rodriguez-Navarro, C. Rivard, Y. Nys, J. Gautron/France
15:30-16:00	COFFEE BREAK AND VIEWING POSTERS	
16:00-18:00	Parallel Oral Sessions	
Session: Nutrition 4 / Alternative Sources of Nutrients - Hall: Elafiti 1 Chairs: B. Svihus, C. Garces Narro		
<i>Time</i>	<i>Abstract ID</i>	<i>10-minutes oral presentations</i>
16:00-16:13	546	Effect of novel soya bean meal processing technologies on broiler performance and digestibility - <u>P. Sakkas</u> , E. Royer, S. Smith, P. Carré, A. Quinsac, I. Oikeh, I. Kyriazakis/United Kingdom
16:13-16:26	249	Dietary Schizochytrium oil supplementation affect n-3 LC-PUFA enrichment in egg yolk, plasma lipid metabolism and egg yolk quality in laying hens - <u>S. Wu</u> , G. Qi, H. Zhang, H. Wang/China
16:26-16:39	105	Effects of supplementing microalgae in laying hen diets on productive performance, color and content of carotenoids and fatty-acid profile of yolks - <u>Z. Janjecic</u> , D. Bedekovic, K. Kljak, M. Gorupic, M. Musulin/Croatia
16:39-16:52	567	Effect of microencapsulated dry chestnut wood extract and salts of butyric acid on production parameters of broiler chickens and laying hens - <u>H. Valpotić</u> , N. Mas, Ž. Mikulec, M. Đurić Jarić, D. Brozić, Ž. Gottstein/Croatia
16:52-17:05	131	Effect of pea extrusion and probiotic supplementation on performance, microbiota activity and biofilm formation in the gastrointestinal tract of broilers - <u>P. Konieczka</u> , K. Nowicka, S. Smulikowska/Poland
17:05-17:18	116	The effect of pelleting on starch digestion rate of soft and hard wheat in broiler chickens - <u>Y. Khanfas</u> /Canada
17:18-17:31	77	Emulsifier and multi-carbohydrase in a maize, SBM, rapeseed meal and palm oil diet for broiler chickens - <u>S. Kaczmarek</u> , M. Kubiś, M. Hejdysz, P. Konieczka, P. Górka, J. Flaga/Poland
17:31-17:44	461	Preference tests in laying hens; the choice between insect type and treatment - <u>J. Zandvliet</u> , <u>E. Beitler</u> , C.M. Verwer/The Netherland
17:44-17:57	590	Influence of insect (<i>Hermetia illucens</i>) or algae meal (<i>Spirulina platensis</i>) in broiler diets on growth performance, precaecal digestibility and intestinal microbiota of meat type chickens - <u>C. Neumann</u> , F. Liebert, <u>S. Velten</u> /Germany
Session: Nutrition 5 / Nutrition and Poultry Health - Hall: Elafiti 2 Chairs: P. Trefil, H. Valpotić		
<i>Time</i>	<i>Abstract ID</i>	<i>12-minutes oral presentations</i>
16:00-16:15	400	Impact of fumonisins and deoxynivalenol on laying hens and the effect of a counteracting strategy - <u>B. Doupovec</u> , G. Bichl, S. Masching, D. Schatzmayr/Austria
16:15-16:30	129	A study of coccidiostat and phytase supplementation effects on precaecal phytate breakdown and P digestibility in broiler chickens - <u>S. Künzel</u> , V. Sommerfeld, I. Kühn, M. Rodehutschord/Germany
16:30-16:45	481	Performance enhancing effect of a natural resin acid composition in broiler chickens under a variety of challenge conditions - <u>E. Valkonen</u> , H. Kettunen, J. Kivinen, J. Vuorenmaa/Finland

16:45-17:00	325	Dose-effect relationship and safe use of a matrix-encapsulated phytogetic product based on carvacrol, cinnamaldehyde, capsaicin and cineol in diets for broiler and laying hens - <u>T. Borchardt</u> , K. Maenner, J. Zentek/Germany
17:00-17:15	562	Effect of a multi-strains yeast fractions product plus anticoccidial on performance and gut health of broiler chickens under Eimeria challenge - <u>I. Giannenas</u> , <u>V. Tsiouris</u> , E. Bonos, V. Demey, G. Filliouis, I. Georgopoulou, I. Stylianaki, P. Florou-Paneri, E. Christaki/Greece
17:15-17:30	257	Formulation of Bacillus-based probiotics is key to product performance <u>K. Sidelmann Brinch</u> , A. Nelson, G. Lafitte, R. Plowman/Denmark
17:30-17:45	299	Dietary arabinoxylan-oligosaccharides (AXOS) kick start arabinoxylan degradation in the ageing broiler - <u>A. Bautil</u> , J. Verspreet, J. Buyse, M. R. Bedford, C. M. Courtin/Belgium
17:45-18:00	285	The effect of feeding Diamond V fermentation metabolites on reducing Salmonella prevalence, numbers and NARMS panel antibiotic resistance in samples taken from commercial broiler breeder hens - <u>W. Abdelrahman</u> , J. P. McGinnis, S. A. Carlson, D. R. McIntyre, H. O. Pavlidis/USA
Session: Poultry Health 4 / Parasites - Hall: Elafiti 3 Chairs: O. Zorman Rojs, J. de Wit		
<i>Time</i>	<i>Abstract ID</i>	<i>Keynote lecture</i>
16:00-16:20	396	Impact of the poultry red mite, <i>Dermanyssus gallinae</i> on the European poultry production systems - <u>O. Sparagano</u> , F. Tomley, R. Finn, K. Tiligada, L. Roy, D. Horvatek Tomic, A. Giangaspero/United Kingdom
<i>Time</i>	<i>Abstract ID</i>	<i>10-minutes oral presentations</i>
16:25-16:37	196	The effects of treatment with fluralaner on poultry red mite infestation and on production of laying hens housed in enriched cages and aviaries <u>N. Sleenckx</u> , K. Van Hove, I. Kempen, P. De Herdt, S. Cardinaels, K. De Baere, R. Koopman, S. Van Gorp, J. Zoons/Belgium
16:37-16:49	303	Effect of fluralaner treatment on the production results at commercial layers farms in Poland - <u>S. Doner</u> , D. Furmanek/Poland
16:49-17:01	145	Efficacy of fluralaner administered through drinking water with or without brilliant blue in layer hens suffering from poultry red mite infestation and effect of treatments on performance - <u>P. De Herdt</u> , K. Van Hove, R. Koopman, S. Van Gorp, J. Van Erum/Belgium
16:01-17:13	115	Field trials and experiences with fluralaner against poultry red mite in the UK - <u>T. Cserep</u> , K. Pitman/United Kingdom
17:13-17:25	603	<i>Dermanyssus gallinae</i> as a vector of selected bacterial and viral diseases in flocks of hens in Poland - <u>L. Gawel</u> , J. Urbanowicz, P. Falkowski, K. Bobrek, A. Gawel/Poland
Session: Poultry Welfare 3 / Other Topics - Hall: Elafiti 4 Chairs: E. Sossidou, M. Petracci		
<i>Time</i>	<i>Abstract ID</i>	<i>8-minutes oral presentations</i>
16:00-16:10	64	Temperature training in the hatcher - effects on robustness, performance and production efficiency in dual- and laying-type cockerels - <u>B. Tzschentke</u> , I. Halle, M. Lieboldt, M. Henning/Germany
16:10-16:20	39	Evaluation of development of foot pad dermatitis in Pekin ducks under commercial conditions - <u>L. Klambek</u> , F. Kaufmann, N. Kemper, R. Andersson/Germany

16:20-16:30	42	Organic fattening of turkeys: investigations on animal welfare <u>M. Krautwald-Junghanns</u> , M. Huchler, T. Bartels, D. Freihold, S. Thieme, R. Müller, M. Coenen, F. Deerberg, H. M. Hafez/Germany
16:30-16:40	179	Effect of a chemical litter amendment on animal-based welfare indicators and litter quality in a European commercial chicken husbandry - <u>K. Toppel</u> , F. Kaufmann, H. Schön, M. Gauly, R. Andersson/Germany
16:40-16:50	334	Electrical stunning of poultry: impact factors of stunning efficiency and meat quality - <u>M. Bourin</u> , E. Baeza, C. Souchet, K. Anger, C. Le Bourhs, L. Bignon/France
16:50-17:00	344	Genetic diversity – Potential for diversity in adaption and productive quality among chicken breeds - <u>I. Tiemann</u> , S. Hillemacher, M. Wittmann, K. Schellander/Germany
17:00-17:10	359	Use of perches and grids during light and dark period by growing chickens differing in growth intensity - <u>J. Malchow</u> , J. Berk, L. Schrader/Germany
17:10-17:20	374	An integrated farming concept with the use of dual-purpose chickens: investigations of aspects related to animal health and immunity <u>M. Auerbach</u> , M. Dobner, C. Sürrie, E. Mundt, W. Icken, S. Rautenschlein/Germany
17:20-17:30	427	Spontaneous intake of essential oils after a negative postnatal experience in chicks and long-term effects on blood transcriptome L. A. Guilloteau, <u>A. Collin</u> , A. Foury, J. Helbling, A. Koch, S. Crochet, E. Cailleau-Audouin, P. Constantin, S. Lagarrigue, C. Désert, P. Chartrin, M. Moisan, C. Leterrier/France
17:30-17:40	441	Walking on tiptoes: Description of alterations of the digital pads as one indicator of foot pad dermatitis in turkeys - <u>J. Stracke</u> , B. Spindler, N. Kemper/Germany
17:40-17:50	499	Specification for light sources in poultry - J. Daniel Kämmerling, S. Döhring, <u>F. Kaufmann</u> , R. Andersson/Germany
17:50-18:00	22	The point and purpose of rearing male chicks - <u>C. von der Crone</u> /Germany

Session: Physiology – Hall: Nocturno

Chairs: B. Tzschentke, C. Hess

Time	Abstract ID	12-minutes oral presentations
16:00-16:15	483	Comparative assessment of renal plasma flow and tubular secretion in five different poultry species by determining the para-aminohippuric acid clearance - L. Stroobant, S. Croubels, L. Dhondt, J. Millemcam, S. De Baere, <u>G. Antonissen</u> /Belgium
16:15-16:30	98	The postprandial activity of digestive enzymes in pancreatic juice and blood serum in chicken - <u>A. A. Grozina</u> , V. G. Vertiprakhov, V. I. Fisinin/Russian Federation
16:30-16:45	336	Monitoring of turkey breeders growth and composition through rearing to photostimulation as influenced by body weight category at 16 weeks of age - <u>M. Dewez</u> , S. Brière, P. Froment, P. Etourneau, F. Lecompte/France
16:45-17:00	113	Effects of organic minerals, fish oil and hydrolysed collagen in broiler diets on growth performance and tibia characteristics - <u>B. Can Güz</u> , R. Molenaar, I. de Jong, B. Kemp, H. van den Brand, M. van Krimpen/The Netherlands

17:00-17:15	162	Impact of thermal manipulation during embryogenesis on hepatic metabolism in ducks - <u>W. Massimino</u> , S. Panserat, S. Davail, M. Houssier/France
17:15-17:30	230	Body weight is affected by early life feeding strategy and hatch moment in broiler chickens - <u>M. S. Hollemans</u> , M. W. Noorloos, S. de Vries, A. Lammers/The Netherlands

09:00-18:00 Poster Sessions Meeting Place – Business Center

Egg safety and quality

Physiology

Poultry housing and management

Poultry meat quality and safety

Nutrition 2

18:00-19:30 Council Meeting – Hall: Elafiti

20:00-22:30 Gala Dinner – Revelin Fortress

THURSDAY, 20th September 2018

09:00-12:30 Plenary Sessions – Hall: Elafiti

09:00-10:45 PLENARY SESSION 5 / Chair: E. Prukner-Radovčić

09:00-09:40 Campylobacter infection compromises broiler health, welfare and performance - Humphrey T. /United Kingdom

Discussion

09:45-10:25 Viral infections of poultry – the globally challenging situation - Savic V. / Croatia

Discussion

10:30 - 11:00 COFFEE BREAK AND VIEWING POSTERS

11:00-12:30 PLENARY SESSION 6 / Chair: H. Mohamed Hafez

11:00 - 11:40 Metagenomic insights into the dynamics of microbial communities in poultry and poultry products: current challenges and future opportunities - De Cesare A. / Italy

Discussion

11:45 - 12:25 Microbiota, chickens gut health and antibiotic reduction/resistance - Rychlik I. / Czech Republic

Discussion

12:30 - 13:30 LUNCH BREAK

13:40-15:40 Parallel Oral Sessions		
Session: Nutrition 6 / Proteins in Poultry Nutrition - Hall: Elafiti 1		
Chairs: A. Cahaner, M. Cassandro		
Time	Abstract ID	10-minutes oral presentations
13:40-13:52	385	Feeding broiler breeders with guanidinoacetic Acid (GAA) supplementation affect creatine egg resources, elevates laying percent and improves progeny's performance - T. Epstein, D. Gravitz, A. Cahaner, Z. Uni/Israel
13:52-14:04	21	Response of broiler chicken fed diets supplemented with dry powdered gluco- and manno-protein yeast cell wall extracts - E. U. Ahiwe, M. Al-Qahtani, E. Chang'a, M. Abdallah, H. Gausi, H. Graham, P. Iji/Nigeria, Australia
14:04-14:16	630	Effect of low protein diets on nitrogen utilization and litter quality of broilers - O. Cirot, W. Lambert, M. Létourneau-Montminy/France
14:16-14:28	464	Valine requirement under low crude protein diets in Ross PM3 broiler chickens - M. Lessire, H. Juin, W. Lambert/France
14:28-14:40	263	OH-Methionine is as efficacious as DL-Methionine to sustain growth performance in ducks and improves their antioxidant capacity - D. Batonon-Alavo, L. Zhao, N. Zhang, N. Zhang, L. Zhu, L. Ma, M. Mohamed Khali, D. Qj, L. Sun, Y. Mercier/France
14:40-14:52	135	Isocaloric and isonitrogenous replacement of soybean meal with other legumes influenced growth performance and ileal amino acid digestibility in young broiler chickens - O. Olukosi, J. G M Houdijk/United Kingdom
14:52-15:04	421	Whole wheat supplemented with butyric acid influence growth performance, gut development and apparent ileal digestibility of protein and amino acids in broilers fed different protein sources S. Nawaz Qaisrani, A. I. Hussain, M. Salman, Saima, T. N. Pasha, J. A. Bhatti, F. Azam/Pakistan
15:04-15:16	592	Effect of sexing and dietary incorporation of sugar cane molasses on broiler performance and carcass characteristics - M. Saeed Babiker Mahmoud, S. Abdalla Abd Elrheem Abdalla, H. Osman Abdalla/Sudan
15:16-15:28	594	Chemical analysis and tannin content of some raw and germinated sudanese local varieties of sorghum and their potential as poultry energy feed source for food security in rural areas M. Saeed Babiker Mahmoud, E. Osman Eltayib/Sudan
Session: Poultry Health 5 / Gut Health - Hall: Elafiti 2		
Chairs: A. de Cesare, M. Hess		
Time	Abstract ID	Keynote lecture
16:00-16:20	326	Comparison of the gut microflora composition between different commercial layer farms: feasibility and limitations - S. Rautenschlein, H. Kathy Scholtes, J. Kamphues, I. Rychlik, F. J. Hoerr
Discussion		
Time	Abstract ID	10-minutes oral presentations
14:05-14:15	323	Interaction of <i>Campylobacter jejuni</i> with the gut barrier of broiler chickens: <i>Campylobacter jejuni</i> has diametral effects on broiler gut health - W. Awad, C. Hess, K. Dublec, J. Aschenbach, M. Hess/Austria
14:15-14:25	584	Fungal fermented feed ingredient for improved gut health in broiler chickens - P. Roubos-van den Hil, C. Silva, B. D'heer, J. Allaart, C. Smits/The Netherlands

14:25-14:35	581	Similar longitudinal development of cecal microbiota diversity within four broiler houses at two different farms - J. G Kers, F. C. Velkers, E. A. J. Fischer, P. Konstanti, J. E. de Oliveira, J. Arjan Stegeman, H. Smidt/Belgium
14:35-14:45	413	Identification of faecal protein biomarkers for intestinal health in broilers - F. De Meyer, V. Eeckhaut, A. Dedeurwaerder, R. Ducatelle, M. De Gussem, F. Van Immerseel/Belgium
14:45-14:55	624	Assessment of the efficacy of fecal sampling in representing gastrointestinal microbiota in chickens - W. Yan, J. Zheng, C. Wen, C. Ji, D. Zhang, Y. Chen, C. Sun, N. Yang/China
14:55-15:05	429	Beyond effects on the microbiota, <i>Bacillus subtilis</i> 29784 shows direct effects on the host - D. Prévéraud, V. Jacquier, A. Nelson, L. Rhayat, E. Devillard/France
15:05-15:15	419	<i>Bacillus subtilis</i> 29784 prevents a pro-inflammatory response in an induced inflammation condition using the Caco-2 cells model D. Prévéraud, L. Rhayat, E. Devillard, E. Eckhardt, M. Maresca/France
15:15-15:25	252	Comparison of preventive ionophore supplementation on gut health and performance in broilers: evaluation in a necrotic enteritis model M. Marien, B. Dehaeck, M. Vereecken, M. Geerinckx, K. De Gussem/Belgium
15:25-15:35	143	Establishment of the cecal microbiota of broiler chickens supplemented with protected sodium butyrate alone or in combination with essential oils and challenged with coccidia and <i>Clostridium perfringens</i> C. Bortoluzzi, M. Rothrock, B. S Vieira, J. Jose Mallo, M. Puyalto, C. Hofacre, T. Applegate/USA
Session: Reproduction and Incubation - Hall: Elafiti 3		
Chairs: S. Yalcin, F. Sirri		
Time	Abstract ID	10-minutes oral presentations
13:40-13:50	371	Ultrastructural development of the yolk sac tissue during incubation J. Dayan, N. Reicher, Z. Uni/Israel
13:50-14:00	93	Influence of incubation temperature on the development of the Bursa of Fabricius in the chicken (<i>Gallus gallus</i>) embryo - R. Noiva, A. Menezes, H. L. Shivaprasad, M. C Peleteiro/Portugal
14:00-14:10	94	Changes in gizzard development caused by high incubation temperatures in the chicken (<i>Gallus gallus</i>) embryo - R. Noiva, A. Menezes, H. L. Shivaprasad, M. C Peleteiro/Portugal
14:10-14:20	100	Both the rooster and incubation temperature affect embryonic metabolism and day-old chicken quality in laying hens - H. van den Brand, S. van de Kraats, A. Sözcü, R. Jöerissen, M. Heetkamp, I. van den Anker, M. Ooms, B. Kemp/The Netherlands
14:20-14:30	187	The in ovo critical period for somatotrophic axis elevation by green light photostimulation - I. Dishon, N. Avital-Cohen, J. Bartman, S. Zaguri, I. Rozenboim/Israel
14:30-14:40	233	Embryonic thermal manipulation of the Japanese quail: impacts on physiology and hypothalamic methylome and transcriptome A. Vitorino Carvalho, N. Couroussé, F. Gataud, C. Gimmonet, S. Crochet, T. Bordeau, M. Mersch, B. Piégu, C. Hennequet-Antier, A. Brionne, C. Noirot, Y. Bigot, F. Pitel, A. Collin, V. Coustham/France
14:40-14:50	245	Chick yolk mineral levels during their sojourn in the hatcher R. Hopcroft, W. Muir, P. Groves/Australia

14:50-15:00	255	Effects of in ovo injection of N-Carbamylglutamate (NCG) on hatchability, quality of chickling, growth performance and carcass composition in broiler chickens - G. Qi, H. Zhang, J. Wang, S. Wu, Y. Ma, F. Zhang/China
15:00-15:10	324	Applying cold incubation profiles during the last week of incubation in a commercial incubator: effects on broiler embryonic mortality, hatchability, and chick quality - I. van Roovert, M. van Eijk-Priester, J. Wijnen, C. van der Pol/The Netherlands
15:10-15:20	384	The effect of combined monochromatic photostimulation on reproductive activities of broiler breeders - J. Bartman, S. Zaguri, L. Dishon, N. Avital Cohen, I. Rozenboim/Israel
15:20-15:30	420	Temperature variations during incubation and postnatal period affect performance, metabolism, health and gene expression in the blood of fast-growing chickens - A. Collin, V. Coustham, N. Couroussé, S. Crochet, C. Praud, T. Bordeaux, E. Godet, E. Cailleau-Audouin, P. Chartrin, I. Gabriel, C. Schouler, T. Larcher, C. Le Bourhis, K. Germain, O. Zemb, A. Travel, C. Berri, L. A. Guilloteau/France
15:30-15:40	591	Assessment of GnRH analogues efficacy in enhancing the reproductive functionality in broiler breeders - G. Kolluri, G. Marappan, J. Mohan, H. Ali, J. Singh Tyagi/India

Session: Poultry Health 6 / Other Topics - Hall: Elafiti 4

Chairs: S. Ozkan, M. Toscano

Time	Abstract ID	Keynote lecture
13:40-14:00	357	An innovative approach for analysing and evaluating poultry farms odour related to animal health and welfare - V. Ferrante, G. Grilli, F. Borgonovo, L. Susanna, E. Tullo, M. Guarino/Italy
<i>Discussion</i>		
Time	Abstract ID	8-minutes oral presentations
14:05-14:15	480	Bio-monitoring of mycotoxins in blood serum and feed to assess exposure of broiler chickens in Belgium G. Antonissen, M. Lauwers, N. Caekebeke, M. Ringenier, F. De Meyer, J. Dewulf, S. Croubels/Belgium
14:15-14:25	34	Biomarkers as a tool to better understand the effect of mycotoxins on gut barrier functioning and immunosuppression - A. Koppenol, L. Caron/Brazil
14:25-14:35	311	Transcriptomics approaches in enteric inflammation models for the assessment of dietary supplements - B. Grenier, S. Fibi-Smetana, S. Ilic, R. Berrios, C. Emsenhuber, V. Nagl, G. Schatzmayr, N. Reisinger/Austria
14:35-14:45	289	Supplementation of Diamond V fermentation metabolites in feed or drinking water to reduce stress in broilers - W. Abdelrahman, A. Kovács, H. O. Pavlidis, D. R. McIntyre, G. Archer/USA
14:45-14:55	78	A retrospective analysis to identify the contribution of the breeder on health and performance of broiler chickens - I. de Jong, J. van Riel/The Netherlands
14:55-15:05	132	Released-active drugs enhance poultry production performance K. Ganina, E. Karelina, P. Kudryavtsev, S. Tarasov/Russian Federation
15:05-15:15	301	Effects of a dry hydrogen peroxide (DHP) air sanitation system used in an egg cooler on hatchability and chick quality - B. Jordan, E. Melo, J. McElreath, R. Stephens, L. Lara, N. Cox, J. Wilson/USA

15:15-15:25	369	Effects of various housing conditions and genotypes on health and performance of tom turkeys - J. Berk/Germany
15:25-15:35	24	Prevention of MG-MS infection using live vaccines - L. Kőrösi, J. Povaszán/Hungary
15:35-15:45	370	Insights on avian metapneumovirus subtype B circulation in Europe - C. Lupini, G. Mescolini, G. Franzo, A. Blanco, M. Biarnes, M. Cecchinato, C. Maria Tucciarone, V. Felice, F. Silveira, E. Catelli/Italy

09:00-18:00 Poster Sessions Meeting Place - Business Center

Economics and marketing

Education and information

Family poultry production

Poultry health

Reproduction and incubation

Turkeys

Nutrition 3

Other Topics

15:45-16:30 Coffee break and viewing posters

16:30-17:30 Closing ceremony (Hall Elafiti)

FRIDAY, 21th September 2018

08:00-17:00 TECHNICAL VISIT - Meeting place: Hotel Lacroma

09:00- YOUTH PROGRAMME - Meeting place: Hotel Lacroma



Disclaimer: The information in the XVth European Poultry Conference 2018 programme is correct at the time of providing, however, the organizers reserve the right to change the information where necessary without notice.