■Oral March 11, 2019

Session Name	Date	Registration No.	Abstract No.	Name	Affiliation	Title of Abstract
Non-Antibiotic Therapy	March 11, 2019 9:30-10:40	C000039	Ⅰ-1	Charlotte Kroeger	Ludwig-Maximilian University Munich	Histological comparison of the effect of antibiotic and non-antibiotic topical treatments for digital dermatitis on treponemes and the tissue regeneration
		C000114	Ⅰ-2	Keiji Okada	Iwate University	Combination Effect of Allyl Isothiocyanate and Hoof Trimming on Bovine Digital Dermatitis
		C000067	Ⅰ-3	Masanori Ito	Kanagawa Prefectural Federation Agricultural Mutual Aid Association	Therapeutic effect in topical applications of acrinol to digital dermatitis in milking cows
		C000031	Ⅰ-4	Andrea Fiedler	Hoof Health Associates - Praxis für Klauengesundheit	Study on the performance of a spray foam containing elementary silver for the supportive care of digitalis dermatitis
		C000021	Ⅰ-5	Daisy Roijackers	Intracare B.V.	Spot treatment, not pit treatment: Evaluating claw contact time of a spray product under field conditions
Therapy	March 11, 2019 11:10-12:20	C000098	Ⅱ-1	Roger William Blowey	Wood veterinary Group	Pilot study to assess moisture content of dressings with different cattle foot bandaging techniques
		C000071	Ⅱ-2	Isabelle Luechinger, , Karl Nuss	University of Zurich	The effects of wooden blocks on load distribution in fore- and hind limb claws of dairy cows
		C000027	Ⅱ-3	Teerachad Setkit	Kasetsart University	Effect of cow block on healing duration of claw lesions in lame cows in dairy farms in western part of Thailand.
		C000051	Ⅱ-4	Kristina Müller	Massey University	Wear of orthopaedic hoof blocks under New Zealand pasture conditions.
Trimming	March 11, 2019 14:00-15:20	C000069	Ⅲ-1	Karl Nuss	University of Zurich	How to trim the forelimb claws – claw loads with different sole heights
		C000102	Ⅲ-2	HIROYUKI MANABE	MH Coroporation	The bovine claw is as well organized as an automobile independent suspension system
		C000060	Ⅲ-3	Gerard Cramer	University of Minnesota	Evaluating the effect of a mid-lactation hoof trimming on lesion prevalence in dairy cows
		C000079	Ⅲ-4	Christer pi Bergsten	Swedish University of Agriculture	Prevention of claw disorders by strategic maintenance trimming in relation to calving time
		C000044	Ⅲ-5	Kimberly Evert	Sure Step Consulting International, LLC	Design and Management of Proper Handling Systems for Dairy Cows: A Hoof Trimming Application
		C000043	Ⅲ-6	Karl Burgi	Sure Step Consulting International, LLC	Determining Hoof Trimming Schedule Based on Various Management Factors
Management	March 11, 2019 15:50-17:00	C000033	Ⅳ-1	Reuben F Newsome	Cattle Lameness Academy	A team approach to delivering a lameness control programme on farm
		C000037	Ⅳ-2	Erin Wynands, Gerard Cramer	University of Minnesota	Extension workshop to improve communication between stakeholders in lameness management
		C000034	Ⅳ-3	Borut Zemljic	Veterinary Polyclinic Ormoz d.o.o.	Lameness - one disease affecting all 5 freedoms of a dairy cow
		C000014	Ⅳ-4	Richard T Gudaj	Nanjing Agricultural University, College of Economics and Management	Impact of different management methods on prevalence of lameness in 25 Holstein-Friesian herds in Hungary
		C000105	Ⅳ-5	Frida Akerstrom	Vaxa Sverige	«The Claw Coin» - a national program to improve hoof health in dairy cows

■Oral March 12 , 2019

Session Name	Date	Registration No.	Abstract No.	Name	Affiliation	Title of Abstract
Detection 1	March 12 , 2019 9:15-10:40	C000070	V-1	Karl Nuss	University of Zurich	Changes in claw loads during weight shifting in the hind limbs of dairy cows
		C000072	V-2	Judith Mueller, Karl Nuss	University of Zurich	Claw loading in dairy cows with different hind-limb postures
		C000036	V-3	Evgenij Telezhenko	University of Agricultural Sciences	Novel approach for modelling force and pressure distribution inside bovine claw and on different surfaces
		C000073	V-4	Midori Hatanaka, Yasushi Chida	Bycen Inc	Gait analysis of acceleration sensor data recorded from lameness and sound dairy cows
		C000063	V-5	Isabella Lorenzini	Bavarian State Research Centre for Agriculture	Advancements in the analysis of behavioural and performance data for early lameness detection in dairy cows
		C000059	V-6	Bobwealth Oakina montese Gerard Cramer	University of Minnesota	Association between lying duration and hoof lesions in lactating dairy cows
Detection 2	March 12 , 2019 11:10-12:20	C000100	VI-1	Rik Van der Tol	Farm Technology Group, Wageningen University & Research	Lameness detection by efficient deep learning
		C000049	VI-2	Chacha Wambura Werema	Massey University(New Zealand)、2.Sokoine University of Agriculture	The potential of infrared thermography for the detection of dairy cattle lameness
		C000041	VI-3	James P Wilson	University of Nottingham	Utilising Magnetic Resonance Imaging to Visualise Bovine Distal Limb Anatomy
		C000047	VI-4	Beth Reilly	Synergy Farm Health	Sole Thickness in Jersey and Cross Bred Dairy Breeds
		C000077	VI-5	Andrea Fiedler	Hoof Health Associates, Munich	Developing a novel concept for preventive hoof maintenance in dairy cows
Impact of lameness	March 12 , 2019 14:10-15:20	C000088	VII-1	Bobwealth Oakina Omontese Gerard Cramer	University of Minnesota, Saint Paul, MN	Association between hoof lesions and reproductive performance of lactating dairy cows
		C000099	VII-2	Kasun Jayakantha Munasinghe Arachchige, Sagara Nelum Kumara Yapa Hetti Pathirennehelage	University of Peradeniya	The relationship between lameness, milk production and fertility in lactating dairy cows in two dairy farms of Sri Lanka
		C000035	VII-3	Piyanat – Prasomsri	Chulalongkorn University	Effect of lameness on milk production loss in Thai dairy cows
		C000084	VII-4	Siti Zubaidah Ramanoon	Universiti Putra Malaysia, 43400 UPM Serdang, Selangor	The lame Moos - a cross sectional study on lameness in selected Malaysian dairy herds
		C000048	VII-5	Shashi Ekanayake	Massey University of New Zealand	Impact of Lameness on Reproduction and Milk Production in Dairy Cattle.A review of abstract from International Ruminant Lameness Conferences (2002-

■Oral March 12 , 2019

Session Name	Date	Registration No.	Abstract No.	Name	Affiliation	Title of Abstract
Basic	March 12 , 2019 16:15-18:00	C000112	Ⅷ-1	Andrea Fiedler	Hoof Health Associates	Axial horn fissures - a holistic approach
		C000091	Ⅷ-2	Sara-Lisa Lennermann, Katharina Johanna Lang	Univ. of Munich	Biomechanical testing of tensile strength of hoof horn in fattening bulls fed different concentrations of crude protein
		C000107	Ⅷ-3	Menno Holzhauer	Diplomate ECBHM	Bulkmilk Claw Health
		C000013	Ⅷ-4	Dongbo Sun	Heilongjiang Bayi Agricultural University	Analysis of mineral elements, metabolism and inflammation indexes in the plasma of dairy cows suffering from different degrees of lameness
		C000085	Ⅷ-5	Tadaharu Ajito	Nippon Veterinary & Life Science University	Effect of a Salt-Block Containing Biotin on Serum Biotin Concentration and Prevention of Hoof Diseases in Dairy Cows
		C000045	Ⅷ-6	Nicole Reisinger	BIOMIN Research Center	Effect of endotoxins on the inflammation response in two different in vitro claw/hoof models
		C000075	Ⅷ-7	Andreas Oehm	Clinic for Ruminants with Ambulatory an Herd Health Services, LMU Munich	Factors associated with lameness in dairy cows: What we do and do not know - evidence from a systematic review and meta-analyses
		C000038	Ⅷ-8	Richard Laven	Massey University	Foot lameness research in dairy cattle: A scientometric approach

■Oral March 13 , 2019

Session Name	Date	Registration No.	Abstract No.	Name	Affiliation	Title of Abstract
DD 1	March 13 , 2019 9:30-10:40	C000042	Ⅸ-1	Roger William Blowey	Wood veterinary Group	Survival of digital dermatitis treponemes in faecal and bedding microcosms
		C000076	Ⅸ-2	Roger William Blowey	University of Liverpool	Survival of Treponemes on hoof knives and disinfection to prevent transmission
		C000024	Ⅸ-3	Maria Fradette, Christopher Luby	University of Saskatchewan, Saskatoon, Saskatchewan	Heel skin microbiomes from cattle housed on dairies endemic for and free from clinical digital dermatitis
		C000055	Ⅸ-4	Eiji Takahashi	Obihiro University	Digital dermatitis-like disease and pastern dermatitis in heifers kept in a public breeding farm in Japan
		C000087	Ⅸ-5	Jamie Sullivan	Rippleview Hoof Care	The effect of footbath pH value on improved claw health with special focus on digital dermatitis in dairy cattle
DD 2	March 13 , 2019 11:10-12:20	C000089	Ⅹ-1	Arne Vanhoudt	Utrecht University	Inter-observer agreement of digital dermatitis M-scores for photographs of hind feet from standing dairy cattle
		C000053	Ⅹ-2	Lina Ahlen	Norwegian University of Life Sciences	Digital dermatitis and lameness – an evaluation of locomotion scoring as a tool to detect and control the disease
		C000062	Ⅹ-3	Katarzyna Rzewuska	Polish Federation of Cattle Breeders and Dairy Farmers	Heritability of digital dermatitis in Polish Holstein-Friesian cows
		C000065	Ⅹ-4	Jo Coombe	Dairy Australia	Bovine digital dermatitis in Victoria, Australia
		C000017	Ⅹ-5	Aaron Yang	Massey University	Estimating the herd and cow level prevalence of bovine digital dermatitis on New Zealand dairy farms: A Bayesian superpopulation approach
DD 3	March 13 , 2019 13:20-14:10	C000019	ⅩⅠ-1	Aaron Yang	Massey University	Modelling infection dynamic of bovine digital dermatitis in pasture-based system in New Zealand
		C000080	ⅩⅠ-2	Doerte Doepfer	DMS, School of Veterinary Medicine, UW-Madison	Cameras to Monitor Foot Health, Prevention and Control of Digital Dermatitis in a Robotic Milking Herd
		C000096	ⅩⅠ-3	Doerte Doepfer	DMS, School of Veterinary Medicine, UW-Madison	Leg Band Applications for Preventing Digital Dermatitis as Complement and Alternative to Disinfecting Foot Baths
Hoof lesion	March 13 , 2019 14:20-15:30	C000090	ⅩⅡ-1	Beke Nivelle	KU Leuven	The relation between the prevalence of claw lesions in Flemish dairy herds and the perception of the farmers
		C000057	ⅩⅡ-2	Roger Bellet-Elias	University of Minnesota	The association between hoof lesions in early lactation and culling risk in Jersey cows
		C000092	ⅩⅡ-3	Loris De Vecchis	Bovine practitioner	Interdigital phlegmon: focusing on some clinical aspects that can target the therapy
		C000110	ⅩⅡ-4	Menno Holzhauer	Diplomate ECBHM	Serious Interdigital Phlegmona problems in dairy cows
		C000104	ⅩⅡ-5	Kazunori Yoshitani	private practitioner	A macroscopic study of the relationship between horizontal grooves in the claw wall and digital lesions in dairy cattle