*all time are EDT	Tuesday, 10/12	Wednesday, 10/13	Thursday, 10/14
10:00 AM - 10:50 AM	Welcome Message Speaker: Walt Burghardt, DVM, PhD, DACVB (Moderator) & Paul Mundell (IWDBA President) Speaker: Fiona Hollinshead, BVSc, PhD, DACT **Title: A unique perspective of use of breeding strategies and advanced reproductive techniques to optimize development and production of continuously improved generations of specialized canines at the three major working dog breeding programs in New Zealand**	Welcome Message Speaker: Bess Pierce, DVM, DABVP, DACVIM, DACVSMR (Moderator) Speaker: Volk Holger, PhD, Dip ECVN **Title: Epiliepsy in Working Dogs**	Welcome Message Speaker: Kelly Mann, (Moderator) DVM, MS, MSS, DACVR Speaker: Cynthia Otto, DVM, PhD, DACVEC, DACVSMR, CCRT **Title: Pandemic or pandemonium? Creating standards for medical detection dogs**
10:50 AM - 11:00 AM	BREAK	BREAK	BREAK
11:00 AM - 11:45 AM	**BREAKOUT SESSIONS (Zoom)** **Moderator (a): Eldin Leighton, PhD & Jane Russenberger** **Title (a): Overview of the IWDR database for working dog organizations** **Moderator (b): Hans Ebbers & Esther Schalke, PhD** **Title (b): Generalisation of behaviour and signals**	**BREAKOUT SESSIONS (Zoom)** **Moderator (a): Eldin Leighton, PhD & Jane Russenberger** **Title (a): Using IWDR's Advanced Tools to Improve Health and Behavior IWDR** **Moderator (b): Bess Pierce, DVM, DABVP, DACVIM, DACVSMR & Kelly Mann, DVM, MS, MSS, DACVR** **Title (b): What's on your mind? Hot topics!**	**BREAKOUT SESSIONS (Zoom)** **Moderator (a): Eldin Leighton, PhD & Jane Russenberger** **Title (a): Behavior Assessment and IWDR** **Moderator (b): Sheila Goffe, PhD & Stacey West** **Title (b): AKC Detection Dog Task Force Program: Working with AKC Breeders to Improve Breeding and Availability of Explosives Detection Dogs**
11:45 AM - 12:15 PM	EXHIBITOR HOURS (BREAK)	EXHIBITOR HOURS (BREAK)	EXHIBITOR HOURS (BREAK)

12:15 PM - 12:35 PM	**Speaker: Becky Hunt** **Title: Improving behaviour monitoring within a working dog programme**	**Speaker: Nicola Cotton** **Title: Incidence of enteric pathogens versus presence of gastrointestinal symptoms in a working dog training facility**	**Speaker: Esther Schalke, PhD** **Title: Scent dog identification of SARS-CoV-2-infections- a double blind study**
12:35 PM - 12:45 PM	BREAK	BREAK	BREAK
12:45 PM - 1:05 PM	**Speaker: Eldin Leighton, PhD** **Title: Estimated Breeding Values in IWDR**	**Speaker: Katherine Lytle, DVM, MPH, MS** **Title: Liquid biopsy screening for early cancer detection in working dogs**	**Speaker: Nele ten Hagen** **Title: Discrimination between SARS-CoV-2 infection and other viral respiratory infections by working dogs**
1:05 PM - 1:15 PM	BREAK	BREAK	BREAK
1:15 PM - 1:55 PM	**Speaker: Lucia Lazarowski, PhD** **Title: Multimodal characterization of detection dog suitability: Combining behavioral, cognitive, and neurological measures for enhancing selection**	**Speaker: Meghan Ramos, VMD** **Title: Penn Vet Working Dog Center Fit To Work program foundational fitness development and training**	**Speaker: Robert Dougherty & Alena C. Heyer** **Title: Implementation of a plan to decrease arousal and increase motivation**
1:55 PM - 2:05 PM	BREAK	BREAK	BREAK
2:05 PM - 2:25 PM	**Speaker: Brenda Kennedy, DVM, MS** **Title: The effect of maternal style on later puppy behavior in Canine Companions dogs**	**Speaker: Karen Overall, MA, VMD, PhD, DACVB & Marty Roache', DVM** **Title: Investigation of tail injury at lackland air force base training kennels for military working dogs**	**Speaker: Nathaniel Hall, PhD** **Title: Learning to Smell: Impacts of Training and Experience on Detection Dog Performance**
2:25 PM - 2:35 PM	BREAK	BREAK	BREAK
2:35 PM - 3:00 PM	**Speaker: Karen Meidenbaurer, DVM, MPH & David Deglau** **Title: The Domestic Breeding Consortium: Odor Detection Canine Selection, Breeding, and Early Training Techniques**	**Speaker: Debra Zoran, DVM, PhD, DACVIM-SAIM** **Title: Nutrition for Search & Rescue dogs: tailoring needs to the job**	**Speaker: Edgar Aviles-Rosa** **Title: Case Study: An Evaluation of Detection Dog Generalization to a Large Quantity of an Unknown Explosive in the Field**

	Wrap Up Message Speaker: Walt Burghardt, DVM, PhD, DACVB (Moderator)	Wrap Up Message Speaker: Bess Pierce, DVM, DABVP, DACVIM, DACVSMR (Moderator)	Wrap Up Message Speaker: Kelly Mann (Moderator) & Paul Mundell (IWDBA President)
Pre-Recorded (15 minutes)	Speaker: Jennifer L. Essler, PhD Title: Comparing dogs from multiple working careers on the 'impossible' task	Speaker: Mia Cobb, PhD Title: Working Dog Welfare: Where are we now and where are we going?	Speaker: Kat Janczur, MSc Title: A novel method for the detection of Japanese knotweed (*Reynoutria japonica*) using specially trained canines
Pre-Recorded (15 minutes)	Speaker: Emily Bray, PhD Title: Development and heritability of cognitive traits in Canine Companions dogs	Speaker: Brian Farr, PhD (Maj.) Title: Assessing working dog fitness with the Penn Vet Working Dog Center Fit To Work program	Speaker: Linzi Williamson, PhD Title: Examining the Role of Significant Others in Canine Welfare within the Context of Veterans Working with Service Dogs
Pre-Recorded (15 minutes)	Speaker: Scott Thomas Title: Observations on observing behavior in working dogs	Speaker: Dr Mia Cobb, PhD Title: Digital innovation for working dogs	Speaker: Edgar O. Aviles-Rosa, PhD Title: A detailed evaluation of Spotted Lanternfly (Lycorma delicatula) detection dog training and performance
Pre-Recorded (15 minutes)	Speaker: Elizabeth Hare, PhD Title: Assessment of the Agreement between Fosters and Trainers Evaluating Behavior with the C-BARQ and Behavior Checklist	Speaker: Erin Perry, PhD Title: Canine decontamination in the field: Lessons learned from the Champlain Towers building collapse	Speaker: Astrid Concha, PhD Title: Effect of impulsivity and core effect on training performance in dual purpose military working dogs
Pre-Recorded (15 minutes)	Speaker: Katy M. Evans, PhD Title: The use of historical health records at The Seeing Eye in genome-wide association studies for canine health traits	Speaker: Heather J. Huson, PhD Title: A novel risk locus on canine chromosome 18 is identified for congenital laryngeal paralysis in Alaskan sled dogs	Speaker: Ben Carey Title: Transitioning a Therapy Dog Program Online: What's In It For the Dog?
Pre-Recorded (15 minutes)	Speaker: Molly Riser	Speaker: Jayne McGhie, BVSc Title: Prevalence of Canine	Speaker: Margot Perez, PhD

	Title: Using Single-Step Genomic BLUP to Compute Genomic Enhanced Breeding values for Self-Modulation in Working Dogs	Degenerative Myelopathy SOD-1Mutation in Working Dogs across Australia and New Zealand	Title: Solving cold-cases: Dogs can match human scents collected several years apart
Pre-Recorded (15 minutes)	Speaker: Desiree Broach, Lt. Col. Title: Military Working Dog Aggression and Welfare	Speaker: Brian Farr, PhD (Maj.) Title: Explosive detection canine operational requirements and performance degradation: expert perspectives	Speaker: Mark Gabriele Title: PBED Training Guideline: An interactive tool for up training
Pre-Recorded (15 minutes)	Speaker: Richard A. Vargus, PhD (Lt. Col.) Title: Global Threats to the Animal Community	Speaker: Dominique Grandjean, DVM, PhD, HDR, Dipl ECVSMR) Title: The application /practical implementation pros/cons of COVID-19 olfactory detection dogs	Speaker: Mallory DeChant, PhD Title: Training with Varying Odor Concentrations: Implications for Odor Detection Thresholds in Canines
Pre-Recorded (15 minutes)	Speaker: Kenneth G. Furton, PhD Title: Preliminary Accuracy of COVID-19 odor detection by canines	Speaker: Dr Claire Guest, DHP BCAh and Prof James Logan Title: Using trained dogs and organic semi-conducting sensors to identify asymptomatic and mild SARS-CoV-2 infections	

Posters (5 minutes)	Speaker: Dakota Discepolo Title: An investigation on the efficacy of a novel canine-specific footbath technique vs standard wiping methods	Speaker: Joshua Bailey Title: An Investigation of Force Potential Against the Canine Neck Associated with Collar Use	Speaker: Bridget Ringenwald Title: Assessing pet dogs' ability to detect ovarian cancer in blood plasma after eleven weeks of training
Posters (5 minutes)	Speaker: Amanda Collins Title: Canine scent detection of sinonasal		

	inverted papilloma (SNIP) in blood plasma and nasal secretions		