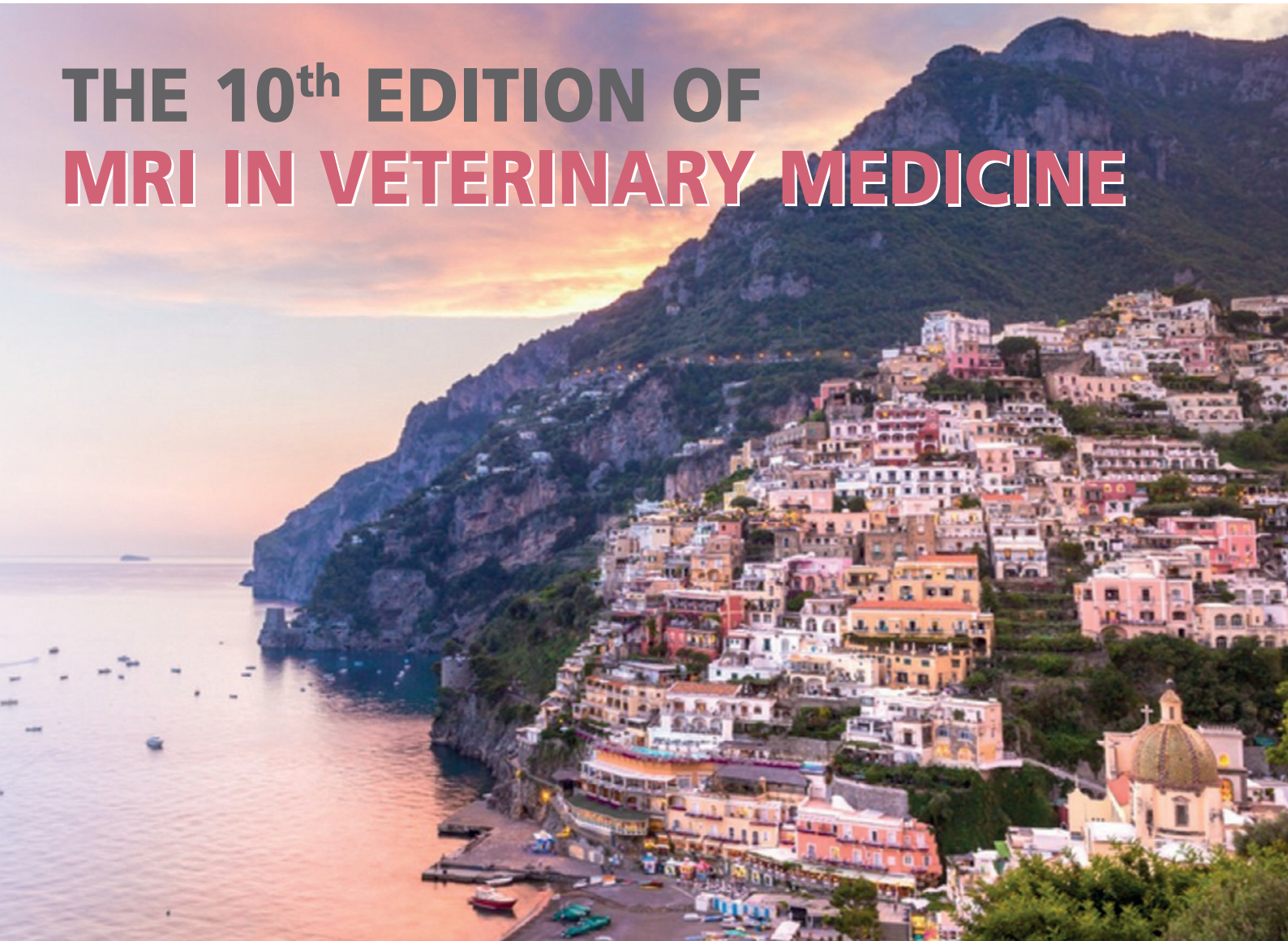


THE 10th EDITION OF MRI IN VETERINARY MEDICINE



**Towers Hotel Stabiae
Sorrento Coast
Castellammare di Stabia (NA), Italy
15-16 May, 2020**

Organizing Secretariat
E.V. - Palazzo Trecchi - Cremona (ITALY)
Phone: 0039 0372 403509
E-mail: info@esaotevetmrimeeting.org
Website: www.esaotevetmrimeeting.org



Welcome and introduction

MRI is today the gold standard for Veterinary Clinicians and Scientists to develop better treatment options. In the last 10 years the total number of procedures has grown significantly improving the diagnosis of neurologic and orthopedic conditions.

As the MRI is more widely used, the need for quality education has grown and it is important to get connected with like-minded veterinarians to share best practices and practical advice.

After almost 20 years since the introduction of the first dedicated Vet MRI system, Esaote continues with its commitment in the veterinary field and is proud to announce its biannual International conference, representing an important forum for discussing the latest developments and future needs of worldwide veterinary customers.

The program for the 10th Edition of "MRI in Veterinary Medicine" will encompass the two main application streams, small animals and equine, for which internationally recognized specialists will be showcasing their research and case studies.

The rich scientific program is a blend of clinical science, technology and practical guidelines on the best techniques in order to improve your study protocols, optimize sequence parameters and patient positioning for a better workflow.

Esaote, for its 10th Anniversary, has chosen the beautiful venue of Sorrento, with its stunning panorama overlooking the Bay of Naples.

A meeting experience you don't want to miss... see you in Sorrento!!!



Erminio Bassi

Esaote - Product Manager Marketing Vet MRI

Speakers



FABRICE AUDIGIE

Professor in equine diagnostic imaging and locomotor pathology at the CIRALE - National Veterinary school of Alfort

DVM, HDR, PhD in Biomechanics, Large Animal ECVDI Associate Member Head of the CIRALE (since 2014).

Cursus: Graduated from the National Veterinary school of Alfort (ENVA) in 1992, I have then spent 6 years as a Lecturer in Anatomy at the ENVA. During this period I performed my PhD in Biomechanics on the "Kinematic analysis of lame horses".

Since the opening of the CIRALE in 1999, I am in charge of the imaging platform of the center: radiography, ultrasonography, bone scintigraphy, magnetic resonance imaging and computed tomography.

In addition to a strong involvement in the daily clinical activity of CIRALE, my research studies are orientated towards mainly advanced and comparative imaging of the equine locomotor system. I am also finally implied in research activities orientated towards the development and validation of new therapeutic approaches for joint and tendon injuries including rehabilitation programs using the newly constructed dedicated part of the CIRALE called "Kinesia".



MASSIMO BARONI

DVM, Dipl ECVN

Degree in Veterinary Medicine with Honours in 1987. From 1993 to 1995 attended a non Conforming Residency Program in Neurology at the University of Berne, Institute of Animal Neurology, and obtained the Diplomate status in Veterinary Neurology (ECVN) in Liege (Belgium) in September 1995. Presently he is responsible for the Neurology referral service at Valdinievole Veterinary Clinic, Pistoia, Italy. Past-president of the European Society of Veterinary Neurology (ESVN), President of the Italian Society of Veterinary Neurology (SINVET), Past President of The Italian Society for Companion Animal (SCIVAC).

Author of publications concerning small animal neurology, he presented more than one hundred neurology lectures at national and international meetings. Special interests: Advanced Neuroimaging, Neurosurgery.



MYRA BARRETT

DVM, Dipl ACVR

Dr. Barrett is an associate professor of equine diagnostic imaging Colorado State University. Dr. Barrett's primary research and clinical interests are equine musculoskeletal imaging and comparative imaging, and she works closely with the equine surgery and sports medicine services. She is a founding partner of Inside Information Radiology, a dedicated equine teleradiology service. She routinely speaks at equine veterinary meetings and is regularly involved in continuing education courses, including courses that draw an international audience. Dr. Barrett is dedicated to the advancement of the specialty of equine diagnostic imaging and is currently the president of an AVMA newly recognized subspecialty - ACVR-Equine Diagnostic Imaging. Outside of work, she enjoys biking, skiing, riding horses, and spending time with her family.



CHIARA BRIOLA

DVM

Dr. Briola graduated in Veterinary Medicine at University of Parma in November 2008 with an experimental thesis about Magnetic Resonance Imaging of brain tumors that was the result of a one year collaboration with Dr. Massimo Baroni ECVN.

In the same year she passed the state exam and came back to Genova, where she was born, and she started to work as a general practitioner at Dr. Costa, Dr. Spallarossa, Dr. Ghiani and Dr. Pastorini Clinic. The passion for MRI pushed her further in the diagnostic imaging path and in September 2009 she moved to Sasso Marconi where she started a training under the supervision of Dr. Federica Rossi ECVDI. In January 2010 she moved to England where she completed a four months training at the diagnostic imaging department of the Animal Health Trust with Dr. Ruth

Dennis ECVDI and her team. In July 2010 she met Dr. Martin Konar ECVDI who offered her the opportunity to start a collaboration in Italy at the Ospedale Veterinario San Michele (Lodi) where she worked for three years under his supervision. In the end of 2012 she moved to Davis, California, to attend a stage in diagnostic imaging. When she came back to Italy she started to work as MRI consultant for Esaote both in Europe and USA. In May 2013 she moved to Rome and she started to work at Clinica Veterinaria Roma Sud with Dr. Daniele Corlazzoli ECVN as radiologist specialized in MRI and CT.



SIGITAS CIZINAUSKAS

DVM, DECVN, Clinical neurologist

Sigitas graduated from Veterinary and Pharmaceutical University (Brno, Czech) in 1995 and then spent 2 years in small animal practice in Prague. In 1997 he started his residency in neurology and neurosurgery (University of Bern, Switzerland) and gained the European Diploma in Veterinary Neurology in 2001. In 2001 Sigitas moved to Finland and became the head neurologist at the University of Helsinki, Finland. In 2005 he started Referral Small Animal Hospital Aisti in Helsinki and took up his current post of principal clinical neurologist. The neurology service has grown rapidly and currently employs 4 neurologists. Sigitas has lectured both nationally and internationally and is involved in training of residents and young neurologists, clinical research as well as teaching. Being originally from Lithuania Sigitas is holding yearly animal neurology lectures for students at the Lithuanian University of Health Sciences in Kaunas, Lithuania and is currently employed as lecturer. Sigitas main areas of interest (outside animal neurology) continue to be gardening, wooden houses and their repair according to the old traditional way.



CRISTIAN FALZONE

DVM, MRCVS, Dipl ECVN

Cristian graduated in 2001 from the Veterinary School of Perugia, Italy. He worked as a general practitioner in private practices and within the surgery department of Perugia Veterinary School, until 2003. From 2004 to 2007 he completed a residency in Neurology and Neurosurgery in Valdinievole Veterinary Clinic-Italy. He spent most of the 2006 abroad in continuing education. In September 2007 Cristian was awarded the Diploma of the European College of Veterinary Neurology. He remained at Valdinievole until the beginning of 2010 and he then joined Davies Veterinary Specialists till the beginning of 2012. At the moment he's working at the Small Animal Diagnostics in Zugliano (VI) as a clinical neurologist and neurosurgeon. He is author of national and international papers; he is the secretary of the Italian Society of Veterinary Neurology and a member of the European Society of Veterinary Neurology (SINVet and ESVN respectively) since 2004. His professional fields of interest are spinal surgery and neuro-imaging with particular emphasis on MRI.



THOMAS GOEDDE

DVM, Dipl ECVN

1984-89: Student of veterinary medicine, Munich, Germany.
1991-93: Residency, Institute of Animal Neurology, Berne, Switzerland.

1995: Diplomate ECVN.

1994-2019: Clinical Neurologist.

Fields of active research: pathophysiology, diagnostic imaging and treatment of spinal nerve root entrapment. Lameness of unknown origin.



MICHAEL HERRTAGE

Professor, MA, DVSc, DVR, DVD, DSAM, FRCVS, DECVIM, DECVDI

Mike Herrtage is Emeritus Professor of Small Animal Medicine at the University of Cambridge. He is a former Dean of the Veterinary School and was in charge of the small animal medicine and diagnostic imaging services at the Queen's Veterinary School Hospital.

The 10th Edition of MRI in Veterinary Medicine

He was awarded the British Small Animal Veterinary Association (BSAVA) Woodrow Award in 1986 and the BSAVA Blaine Award in 2000 for outstanding contributions to the advancement of small animal medicine. In 2014, he was awarded the World Small Animal Veterinary Association International Award for Scientific Achievement. In 2016, he received the Kennel Club International Canine Awards' Lifetime Achievement Award in recognition of a career dedicated to improving canine health and welfare. In 2019, he was awarded the BSAVA Bourgelat Award for really outstanding international contributions to the field of small animal practice. He has been President of the BSAVA, President of the European Board of Veterinary Specialisation (EBVS) and was until recently President of the ECVIM. He was awarded the EBVS Award In 2018, for 'outstanding contributions to the course of Veterinary Specialisation in Europe'.



JURINA KONRAD

DVM, Dipl ECVN

Diplomate European College of Veterinary Neurology Fachtierarzt für Kleintiere. Dr. Konrad Jurina qualified from the Free University of Berlin in 1991. He worked as an university assistant at the Small Animal Clinic of Berlin and finished his thesis on a neurosurgical and radiological topic. In 1995 he went to the Small Animal Clinic of the University of Leipzig, where he was responsible for neurology and neurosurgery, as well as teaching. In 2000 he became the head of the MRI unit. Since 2003 he is co-owner of the "Tierklinik Haar", a small animal second opinion clinic close to Munich. His focus is on neurology and neurosurgery as well as advanced imaging techniques. He is responsible for the mri and ct. Member of the following scientific organisations:

- "Veterinary Neurosurgical Society"
- "Veterinary CT and MRI Society"
- "European Congress of Radiology (ECR)".

Expert for the section on "Neurology" im "Fachforum Kleintiere der Fachgruppe Kleintierkrankheiten der DVG".

Co-author of the textbooks "Atlas und Lehrbuch der Kleintierneurologie" and "Die idiopathische Epilepsie des Hundes".

Lecturer on international and national congresses.



MARTIN KONAR

DVM, Dipl ECVI, Study of Veterinary Medicine at the University of Vienna, Austria

1997-2003: University-assistant at the Radiology Clinic of the Veterinary University of Vienna. Working as general radiologist and building up the MRI-service.

2003-2008: Oberarzt at the Department of Clinical Radiology, Vetsuisse Faculty, University of Berne, Switzerland. Medical director of the MR-Center Berne. At this time also resident of the European College of Veterinary Diagnostic Imaging (ECVDI).

2007: becoming Diplomate of the ECVI by taking the board exam in Ghent, Belgium.

Doctoral thesis on MRI of the canine stifle joint.

Since 2009 providing MRI support for several veterinary clinics in Europe.



DAVID G. LEVINE

DVM, BS

Assistant Professor of Clinical Large Animal Surgery, University of Pennsylvania School of Veterinary Medicine. Diplomate, American College of Veterinary Surgeons-Large Animal Surgery. DVIRC - Lean level 1 certified. DVIRC - Lean Champion certified. Clinical Specialties: Surgery.



BEATRIX NANAI

DVM, Dipl ECVN, Dipl ACVS

Dr. Nanai graduated from the University of Veterinary Sciences, Budapest Hungary in 1998 where she completed a surgical internship. In 2001 she relocated to the United States and after receiving Educational Commission for Foreign Veterinary Graduates (ECFVG) certification, she completed a surgical externship at South Carolina Surgical Referral Services.

Between 2004-2007, she completed a residency in veterinary neurology and neurosurgery at Animal Emergency and Referral Center in Fort Pierce, Florida. In 2007 she became a Diplomate of the European College of Veterinary Neurology/Neurosurgery. She continued with her second residency training through the American College of Veterinary Surgeons at the Animal Emergency, Critical Care and Diagnostic Center in Melbourne, Florida. In 2014 she obtained her second specialty board certification and became a Diplomate of the American College of Veterinary Surgeons.

In 2016, Dr. Nanai moved to Pensacola, FL and she is currently the head of the Surgery/Neurology department at the Veterinary Emergency Referral Center. Her special interests are neuroimaging and neurosurgery.



DON VAN DE WINKEL

DVM

Dr. Van de Winkel graduated from the Faculty of Veterinary Medicine at Utrecht University in January 2008. He has worked since then in an Equine Referral Clinic in Wolvega. In 2009 he started to attend all the modules of the International Society of Equine Locomotor Pathology (I.S.E.L.P.) and in 2013 he passed his board examination at CIRALE (professor J.M. Denoix) and became a certified member of I.S.E.L.P. Wolvega Equine Clinic is a clinic with its main focus on Equine Sports Medicine, Orthopedics & Surgery. Together with Den Ham Animal Clinic they are partners in a Esaote Vet Grande MRI. The main focus of Dr. D. van de Winkel within the clinic is orthopedics and diagnostic imaging. His special interest is in ultrasound, MRI and biomechanics.



MARTIN WASELAU

DVM, Dipl ACVS and ECVS

2001: Graduation in Veterinary Medicine, Free University of Berlin, Germany.

2002: Doctor of Veterinary Medicine, (Dr.med.vet.); Vetsuisse Faculty, University of Zurich, Switzerland.

2002-2003: Internship in Equine Medicine and Surgery; Kansas State University, USA.

2003: AO/ASIF Fellowship; Texas A&M University/Ohio State University, USA.

2004-2007: Residency in Equine Surgery; The Ohio State University, USA.

2007: Master of Science in Equine Surgery (MS); The Ohio State University, USA.

2007-2009: Staff Surgeon, Vetsuisse Faculty, University of Zurich, Switzerland.

2009: Diplomate American College of Veterinary Surgeons; Diplomate European College of Veterinary Medicine.

2009-2012: Clinical Teacher in Equine Surgery; University of Helsinki, Finland.

2012-2013: Staff Surgeon; Equine Hospital Aschheim, Germany.

Since 2014: Partner and Senior Staff Surgeon; Equine Hospital Aschheim, Equine Diagnostic Center Munich, Germany.

Clinical Working Interests: General and Orthopedic Surgery, Osteosynthesis and Arthrodeses, Cervical Vertebral Interbody Fusion, Minimally Invasive Surgery, Advanced Diagnostic Imaging (CT, MRI, Myelogram), Clinical Research Interests, MRI of Stifles, Tarsi and Carpi, Spinal/Vertebral Surgery, Diagnosis and Treatment of Equine Wobbler Syndrome.

ERMINIO BASSI

Esaote

Product Manager Marketing Vet MRI

LUCA BALBI

Esaote

MRI Sequence Development R&D

The 10th Edition of MRI in Veterinary Medicine

Scientific Program

FRIDAY, MAY 15, 2020

	PLENARY SESSION	
09:00	Welcome and Introduction - <i>E. Bassi (Esaote)</i>	
09:15	Sequences update - <i>L. Balbi (Esaote)</i>	
10:00	The blessings of the latest update - <i>M. Konar</i>	
10:45	COFFEE BREAK	
11:05	Experiences with the GScan Vet at Colorado State University - <i>M. Barrett</i>	
11:55	Vet in a Spin - <i>S. Cizinauskas</i>	
12:35	LUNCH BREAK	
	SMALL ANIMAL	EQUINE
13:45	MRI vs. clinical findings in lumbosacral disease in 250 dogs <i>T. Goedde</i>	Carpal MRI: what does it tell us? <i>M. Waselau</i>
14:30	Update on MRI Spinal cysts <i>C. Falzone</i>	The clinical relevance of osseous cyst-like lesions: Radiography and MRI - <i>D. van de Winkel</i>
15:15	The use of MRI in the diagnosis and management of ear disease <i>M. Herrtage</i>	Advanced imaging of the carpus <i>D. Levine</i>
15:45	COFFEE BREAK	
16:00	Interactive Case Studies Discussion - <i>All the Speakers</i>	Interactive Case Studies Discussion - <i>All the Speakers</i>
18:00	ADJOURN	
19:00	WELCOME APERITIF	

SATURDAY, MAY 16, 2020

SMALL ANIMAL		EQUINE
09:00	Pitfalls and pearls in low field MRI <i>C. Briola</i>	09:00 MRI-Findings in Relation to Diagnostic Anesthesia - Observations in Cases of Distal Limb Pathology <i>M. Waselau</i>
09:45	MRI of the menisci - <i>M. Konar</i>	09:45 Advanced imaging of the tarsus - <i>D. Levine</i>
10:35	COFFEE BREAK	10:15 Fetlock joint cases explored with MRI <i>D. van de Winkel</i>
10:50	Comparative cervical spinal imaging abnormalities affecting the canine cervical spine and their human counterparts. What can we learn from the human conditions <i>B. Nanai</i>	10:45 COFFEE BREAK
11:35	Correlations between vertebral abnormalities and spinal cord diseases - <i>M. Baroni</i>	11:05 The use of the Oscan Equine for assessment of the hind proximal suspensory ligament and tarsus <i>M. Barrett</i>
12:20	Diagnosis and treatment of cervical spondylomyelopathy: a surgeon's perspective <i>B. Nanai</i>	11:55 Low field MRI of head neurological conditions: where are we now? <i>F. Audigie</i>
13:05	LUNCH BREAK	12:55 LUNCH BREAK
14:05	MRI of nerve root diseases - <i>C. Falzone</i>	14:00 Interactive Case Studies Discussion
14:50	Interactive Case Studies Discussion - <i>All the Speakers</i>	14:45 MRI guided fracture repair! <i>D. Levine</i>
15:50	COFFEE BREAK	15:50 COFFEE BREAK
16:10	Interactive Case Studies Discussion - <i>All the Speakers</i>	16:10 Interactive Case Studies Discussion - <i>All the Speakers</i>
18:00	PLENARY SESSION - CONCLUSIONS	
18:10	END OF THE MEETING	
19:30	SOCIAL DINNER IN SORRENTO	