

Centaur Biomechanics 2020 Equine Sports Science Seminar

Improving Equine Health and Performance

Saturday 3rd October 2020

Dr. Nicole Rombach, Dr Sarah Jane Hobbs and Dr. Russell MacKechnie-Guire

07:30 – 08:45	Registration	
09:00 – 09:15	Welcome	Dr. Russell Mackechnie-Guire
09:15 - 10:15	Functional anatomy and biomechanics of the equine spinal column - Part 1	Dr. Nicole Rombach
10:15 – 11:15	Functional anatomy and biomechanics of the equine spinal column – Part 2	Dr. Nicole Rombach
11:15 – 11:45	Morning Coffee Break	
11:45 – 12:45	Pathology of the equine spinal column	Dr. Nicole Rombach
12:45 – 13:15	A comparison between thermal activity of the thoracic region and saddle pressure distribution beneath the saddle in a group of non-lame sports horses	Dr. Russell Mackechnie-Guire
13:15 – 14:00	Lunch	
14:00 – 14:45	When the hoof meets the ground - The interaction between the horse and the ground, transmission of forces through the limbs and factors that influence the horse's performance	Dr. Sarah Jane Hobbs
14:45 – 16:15	Motor control in equine core strength training: scientific and therapeutic perspectives	Dr. Nicole Rombach
16:15 – 16:45	Aftrenoon Coffee Break	
16:45 – 17:30	Managing the horses balance - The latest research on how horses control their balance and strategies that improve self-carriage and collection	Dr. Sarah Jane Hobbs
17:30	Seminar Close	