



## **FSEM VIRTUAL JOURNAL CLUB**

**22<sup>nd</sup> November, 2023 – 6.30pm-8.30pm**

**CPD Credits : 4 Internal awarded by FSEM**

### **Melanie Bussey – Associate Professor of Biomechanics**



*Melanie Bussey is an Associate Professor of Biomechanics at the University of Otago, Dunedin, New Zealand. Originally from Canada, she received her initial training in Athletic Therapy and gained experience as a first responder before pursuing further studies in Biomechanics and Engineering. Throughout her career, Melanie has dedicated her research to the study of musculoskeletal pain and injury, making significant contributions to the field. She is the author of the textbook "Sports Biomechanics: Reducing injury risk and improving performance," a comprehensive work that has become a valuable resource in the field of sports biomechanics. In addition to her textbook, Melanie has published 79 peer-reviewed research papers in biomechanics and related areas.*

*Melanie has recently taken on the role of primary investigator for the ORCHID study, which is funded by World Rugby. The study's primary objective is to investigate head acceleration load in community and youth rugby, addressing an important aspect of player safety and injury prevention in the sport. This research initiative underscores Melanie's dedication to addressing real-world issues and making a tangible impact on sports safety and performance.*