



Testing Cardiac Function During Exercise: A Clinical Perspective, a Live Case and Potential Roles for Modeling

Satellite Workshop, Sunday June 1, 3:30-5:00 PM

Organizers: Michael Nelson, PhD (UT Arlington, TX, USA), Bram Ruijsink, MD, PhD (UMC Utrecht, The Netherlands)

This interdisciplinary workshop will include a live case of exercise cardiac MRI and discussions on:

- Clinician perspectives: indications, current and upcoming role in major cardiac diseases (Bram Ruijsink).
- Live case of exercise cardiac MRI (Michael Nelson):
 - Technical review of the imaging approach
 - Overcoming preload dominance in the supine position
 - Deriving whole-body oxygen consumption and its determinants non-invasively
- Disease-specific exercise assessments in (Bram Ruijsink)
- What is holding clinicians back in exercise testing? (Discussion)
- Opportunities for computational modelling in this field? (Discussion)