



University
of Basel

Department of
Sport, Exercise and Health

27th European Practicum on Cardiopulmonary Exercise Testing

03.-05. September 2025

CPX International Inc.
formerly ISEIRE Inc.



Tuesday, Sept 2, 2025

- 13:00 – 17:00 Registration
13:00 – 17:00 Exhibition Set-Up, setting up poster area

Wednesday, Sept 3, 2025 - Day 1

- 08:30 Registration, Welcome
08:45 Physiological Basis of Exercise Performance
Schmidt-Trucksäss, A.
09:30 CPET – Basic Principles of Gas Exchange
Stringer, W.
10:15 Break
10:45 The Fick Principle Revisited
Burchert, H.
11:15 *Conducting a Clinical Study*
Knaier, R.
12:00 Normal Values and Their Pitfalls
Hager, A.
12:30 Lunch
13:30 Formatting Exercise Test Results
Dumitrescu, D.
14:15 Interactive Tutorial Sessions in Small Groups (Beginners, Intermediate, Advanced)
15:30 Break
16:00 Interpretative Strategies for CPET – From the past into the future
Brutsche, M.
16:45 CPET in Children & Adolescents
Takken, T.
17:15 Cardiac Output and NIRS in CPET
Agostoni, P.G.
19:00 Welcome Reception

Thursday, Sept 4, 2025 - Day 2

- 08:30 Exercise Testing in Lung Disease
Meyer, F.J.
09:00 Exercise Testing in Pulmonary Vascular Disease
Dumitrescu, D.
09:30 Exercise Testing in Heart Failure
Agostoni, P.G.
10:15 Break
10:45 Exercise Testing in Congenital Heart Disease
Hager, A.
11:15 Exercise Testing in Metabolic Myopathies
Riley, M.
12:00 Workshop 1: Incremental (Ramp) CPET
Faculty
13:00 Lunch
14:00 CPET and Exercise-Induced Laryngeal Obstruction
Hull, J.
14:30 Pre- and Rehabilitation in major surgery
Levett, D.
15:00 Workshop 2: Constant Workload Test
Faculty
16:00 Break
16:30 Prehabilitation: From Inception to Present Day
Jack, S.
17:00 Lung function testing in interstitial lung disease
Prasse, A.
19:00 Course Dinner

Friday, Sept 5, 2025 - Day 3: Clinical Application of CPET

- 08:30 Pre- and Rehabilitation in major surgery
Levett, D.
09:00 Cardiorespiratory Fitness and Eye Health
Hanssen, H.
09:20 AI in CPET Analysis
Schwendinger, F.
09:40 Verification Tests – Sense or Nonsense
Knaier, R.
10:00 Exercise Testing in Elite Athletes
Wagner, J.
10:30 Break
11:00 Clinical Cases Quiz: Discussant the Faculty (6 x 10-minute slots)
TBD
12:00 Interactive Tutorial Sessions in Small Groups (Cardiac, Pulmonary, Pediatric/CHD, Athlete)
Faculty
13:15 Lunch
14:15 General Assembly Meeting (CPX International)
All
14:30 Young Investigator Award Presentations
Faculty
15:30 General Discussion, Certificate Award, Concluding Remarks
Faculty

Faculty

Piergiuseppe Agostoni
Centro Cardiologico Monzino, University of Milan, Italy
Martin H. Brutsche
HOCH Health Ostschweiz
Daniel Dumitrescu
Herz- und Diabeteszentrum Bad Oeynhausen, Germany
Alfred Hager
Deutsches Herzzentrum München, Germany
Henner Hanssen
University of Basel, Switzerland
James Hull
Royal Brompton Hospital, United Kingdom
Raphael Knaier
University of Basel, Switzerland
Denny Levett
University of Southampton, United Kingdom

F. Joachim Meyer
Klinikum Harlaching / Klinikum Bogenhausen, Germany
Antje Prasse
University Hospital Basel, Switzerland
Arno Schmidt-Trucksäss
University of Basel, Switzerland
Fabian Schwendinger
University of Basel, Switzerland
William Stringer
Geffen School of Medicine at UCLA, USA
Tim Takken
Wilhemina Children's Hospital of the University Medical Center Utrecht, Netherlands
Jonathan Wagner
University of Basel, Switzerland
Marshall S. Riley
Belfast City Hospital / Queen's University of Belfast, United Kingdom

For more details, go to:

