

FACULTY

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With the scientific
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INFORMATION

Venue

Theater im Park

Im Kurpark, 32545 Bad Oeynhausen

Accommodation

Please make reservations directly in the following hotel

Vienna House Easy Bad Oeynhausen

Morsbachallee 1, 32545 Bad Oeynhausen, ☎ +49 5731 257-0

Refer to our reservation CPXI 2023. The reserved block of rooms
for the Conference will only be held until August 25th.

Organizer

b4c & solutions GmbH

Diana Heidenberger

☎ +49 8142 4219480, @ heidenberger@b4c-solutions.de

Please contact us for any queries or and further information.

Registration

Includes entrance, refreshments at breaks and
lunch, Welcome Reception and Course Dinner,
free membership to CPXI for 2023

For registration please use the
QR code.



Early bird till September 4th 2023

950,- EUR

Late booker after September 4th 2023

1,100,- EUR

“YOUNG INVESTIGATOR ABSTRACT COMPETITION”

During the Young Investigator Award session of the
25th Practicum on Clinical Exercise Testing, two prizes will be
awarded to outstanding research projects. For this session,
scientific abstracts from the field of cardiopulmonary exercise
testing may be submitted by researchers of age 35 and less.

CME certification

International certification by EBAC: 20 credits

Under the auspices of



“Young Investigator
Abstract Competition”

[CLICK FOR MORE INFORMATION](#)

25TH
**EUROPEAN
PRACTICUM**
ON CLINICAL EXERCISE TESTING

OCTOBER 11TH – 13TH 2023
BAD OEYNHAUSEN

Course directors
Hendrik Bante
Karl-Otto Dubowy
Daniel Dumitrescu



Dear Colleagues,

Over the past decades, cardiopulmonary exercise testing (CPET) has evolved into a reliable, comprehensive clinical and scientific tool in various fields of medicine: quantification of exercise intolerance, for a differential diagnosis of unexplained dyspnoea, for risk stratification / pre-operative risk assessment, for monitoring of therapeutic response and many other applications. In sports medicine, CPET is a unique tool for the evaluation of athletes in terms of quantifying metabolic responses to exercise, as a basis for training recommendations, and to detect cardiopulmonary abnormalities in early stages.

This three-day course, organized by CPX International, is intended to give a comprehensive overview of the physiological basis of exercise performance, clinical evidence and applications of cardiopulmonary exercise testing, new developments in the field and practical, case-based learning. In break-out sessions, interactive specialty tutorials in small groups and live demonstrations will complement the knowledge gained from the plenary sessions. Last but not least, a prize will be awarded to Young Investigators for outstanding abstracts in the field of exercise testing.

An experienced faculty of internationally-recognized experts in cardiopulmonary exercise testing will lead through the course, lab session and tutorials, and be available for questions and discussion.

All levels of CPET experience from novice to expert are accommodated. Participants are assigned to laboratory groups and tutorials according to experience and specialty interest, and will be able to familiarise themselves with the equipment and methodology involved in CPET.

We cordially invite you to join the 25th European Practicum on Clinical Exercise Testing, and welcome you to the charming and picturesque Town of Bad Oeynhausen.

Hendrik Bante
Karl-Otto Dubowy
Daniel Dumitrescu
Course Chairs

AGENDA WEDNESDAY OCTOBER 11TH

08:30-09:00	Registration
09:00-09:10	Welcome and Introduction V. Rudolph , H. Bante , D. Dumitrescu , K.O. Dubowy
09:10-10:10	Physiological Basis of Exercise Performance A. Schmidt-Trucksäss
10:10-10:40	Coffee Break, Refreshments
10:40-11:40	Pathophysiology of Exercise Limitation P.G. Agostoni
11:40-12:30	Interactive Tutorial Sessions in Small Groups (Beginners, Intermediate, Advanced) Faculty
12:30-13:30	Lunch Break
13:30-14:00	Conducting the Clinical Study: Equipment, Calibration, Technical Troubleshooting A. Schmidt-Trucksäss
14:00-14:30	Protocols: Ramp Tests, Constant Work Rate Tests M. Riley
14:30-15:00	Normal Values and their Pitfalls A. Hager
15:00-15:30	Formatting exercise test results D. Dumitrescu
15:30-16:00	Coffee Break, Refreshments
16:00-16:30	Cardiac Output Measurements during exercise P.G. Agostoni
16:30-17:00	Clinical Value of Exercise Hemodynamics G. Kovacs
17:00-18:00	CPET for Endurance Sports – Tool or Toy? A casual discussion S. Köhn , H. Bante , K.O. Dubowy , J. Fritsch
18:00	Welcome Reception

AGENDA THURSDAY OCTOBER 12TH

08:30-09:00	Exercise Testing in Heart Failure P.G. Agostoni
09:00-09:30	Exercise Testing in Valvular Heart Disease D. Dumitrescu
09:30-10:00	Exercise Testing in Congenital Heart Disease A. Hager
10:00-10:30	Exercise Testing in Lung Disease F.J. Meyer
10:30-11:00	Coffee Break, Refreshments
11:00-11:30	Exercise Testing in Pulmonary Vascular Disease D. Dumitrescu
11:30-12:00	Cardiac rehabilitation and CPET P.G. Agostoni
12:00-12:30	Pre- and rehabilitation concepts in malignant diseases D. Levett
12:30-13:30	Workshop 1: Ramp Exercise Test Faculty
13:30-14:30	Lunch Break
14:30-15:00	CPET in surgery: Implications for peri- and post-operative management D. Levett
15:00-15:30	Gas exchange patterns in Metabolic Disorders M. Riley
15:30-16:30	Workshop 2: Constant Workload Test Faculty
16:30-17:00	Coffee Break, Refreshments
17:00-17:30	Exercise testing in children T. Takken
17:30-18:00	Cardiopulmonary adaptation to hypoxia in the Healthy: The Xtreme Everest Experience D. Levett
19:30	Course Dinner

AGENDA FRIDAY OCTOBER 13TH

08:30-09:00	Recent advances in CPET: Update 2023 F.J. Meyer
09:00-09:30	CPET for the evaluation of athletes K.O. Dubowy , H. Bante
09:30-11:00	Interactive Cases, Self-Examination Faculty
11:00-11:30	Coffee Break, Refreshments
11:30-12:30	Interactive Tutorial Sessions in Small Groups (Cardiac, Pulmonary, Pediatric/CHD, PH, Sports) Faculty
12:30-13:30	Lunch Break
13:30-13:45	General Assembly Meeting (CPX International) All
13:45-15:15	Abstract Competition / Young Investigator Award Faculty
15:15-15:30	General Discussion, Certificate Award, Concluding Remarks D. Dumitrescu , H. Bante ; K.-O. Dubowy
15:30	Close of course