

ISMIRM DACH PHD TRAINING

“RF COILS AND PARALLEL TRANSMIT METHODS (PTX) IN UHF MR”

THURSDAY, 26/02/2026

REGISTRATION, GET-TOGETHER	9:30 - 10:00
WELCOME AND INTRODUCTION	10:00 - 10:30
RF COILS (MARKUS MAY)	10:20 - 10:40
RF SIMULATION AND LIVE DEMONSTRATION (FARZAD JABBARIGARGARI)	10:40 - 11:30
BREAK	11:30 - 11:45
COIL VALIDATION (OLIVER KRAFF)	11:45 - 12:30
SAFETY BRIEFING (OLIVER KRAFF)	12:30 - 13:00
LUNCH	13:00 - 14:00
HANDS ON I	14:00 - 16:30
1) RF Coil bench measurements (Markus May) 2) Coil housing and 3D printing (Annika Verheyen, Carolin Stevens) 3) Field exposure measurements and dielectric properties (Oliver Kraff) 4) 7T MRI system (Stefan Maderwald)	
END OF DAY I	16:30
COKING PLANT GUIDED TOUR	17:00 - 18:30
JOINT DINNER	19:00



LOCATION & PARTICIPATION

Erwin L. Hahn Institute for MRI
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Registration:



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“RF COILS AND PARALLEL TRANSMIT METHODS (PTX) IN UHF MR”

FRIDAY, 27/02/2026

GET-TOGETHER

9:30 - 10:00

CLINICAL APPLICATIONS OF
UHF MR (HARALD H. QUICK)

10:00 - 10:30

THE MREXCITE SYSTEM MK3
(STEPHAN ORZADA)

10:30 - 11:00

BREAK

11:00 - 11:05

PARALLEL TRANSMISSION
METHODS (SEBASTIAN SCHMITTER)

11:05 - 11:35

GETTING A MULTI-NUCLEAR BODY COIL
TO WORK (QUINCY VAN HOUTUM)

11:35 - 12:05

LUNCH

12:05 - 13:00

HANDS ON II

13:00 - 14:15

1) Live Demonstration of pTx methods (Sebastian Schmitter)
2) 7T MRI scanning (Oliver Kraff, Quincy van Houtum)

WRAP-UP

14:15 - 14:30

END OF DAY II

14:30



ACCOMMODATION

Hotel Petul “An der Zeche”
Distelkamp 1,
45141 Essen
website: www.petul.de
email: an-der-zeche@petul.de

We have blocked a number of
rooms in this hotel, which is in the
vicinity of the ELH.

How to get there from Essen main station: take the tram 107 bound for
“Gelsenkirchen Hauptbahnhof” and exit at “Essen Krkhs Stoppenberg.”