

WELCOME to the  
Erasmus Course on  
Magnetic Resonance Imaging



EMRI - Course  
Central Nervous  
System I

MRI of non-neoplastic  
brain disorders

10 – 14th June 2025  
Dresden



SCHEDULE - Tuesday, 10th June

| 08:00 – 09:00                                                                                      |  | Registration                                                                    |  | FOYER (Ground floor)                              |  |                      |  |
|----------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------|--|---------------------------------------------------|--|----------------------|--|
| 09:00                                                                                              |  | Welcome<br>Jennifer Linn, Dresden (Germany)                                     |  | LECTURE ROOM 1<br>(Hörsaal 1)<br>Ground floor     |  |                      |  |
| 09:15 – 10:00                                                                                      |  | Essential MR sequences for brain imaging<br>Kay Engellandt, Dresden (Germany)   |  |                                                   |  |                      |  |
| 10:00 – 10:45                                                                                      |  | Advanced MR neuroimaging methods<br>Christoph Stippich, Allensbach (Germany)    |  |                                                   |  |                      |  |
| 10:45 – 11:15                                                                                      |  |                                                                                 |  | Coffee Break                                      |  | FOYER (Ground floor) |  |
| 11:15 – 12:00                                                                                      |  | MR-based supratentorial brain anatomy<br>Omid Nikoubashman, Bielefeld (Germany) |  | LECTURE ROOM 1<br>(Hörsaal 1)<br>Ground floor     |  |                      |  |
| 12:00 – 12:45                                                                                      |  | MR-based infratentorial brain anatomy<br>Jennifer Linn, Dresden (Germany)       |  |                                                   |  |                      |  |
| 12:45 – 13:45                                                                                      |  |                                                                                 |  | Lunch                                             |  | FOYER (Ground floor) |  |
| 13:45 – 14:30                                                                                      |  | Cranial nerves<br>Christoph Kenis, Brugges (Belgium)                            |  | LECTURE ROOM 1<br>(Hörsaal 1)<br>Ground floor     |  |                      |  |
| 14:30 – 15:15                                                                                      |  | Cervical and intracranial vessels<br>Stefan Weidauer, Frankfurt (Germany)       |  |                                                   |  |                      |  |
| 15:15 – 15:45                                                                                      |  |                                                                                 |  | Coffee Break                                      |  | FOYER (Ground floor) |  |
| IIINTERACTIVE CASE READING SESSIONS (WORKSHOPS) - 3 x 40 min                                       |  |                                                                                 |  |                                                   |  |                      |  |
| Workshop 1<br><br>Brain anatomy<br>Omid Nikoubashman<br>Bielefeld (Germany)                        |  | 15:45 – 16:25                                                                   |  | SEMINAR ROOM 4<br>(Seminarraum 4)<br>Second Floor |  |                      |  |
|                                                                                                    |  | 16:30 – 17:10                                                                   |  |                                                   |  |                      |  |
|                                                                                                    |  | 17:15 – 17:55                                                                   |  |                                                   |  |                      |  |
| Workshop 2<br><br>Cranial nerves<br>Christoph Kenis<br>Brugges (Belgium)                           |  | 15:45 – 16:25                                                                   |  | SEMINAR ROOM 5<br>(Seminarraum 5)<br>Second Floor |  |                      |  |
|                                                                                                    |  | 16:30 – 17:10                                                                   |  |                                                   |  |                      |  |
|                                                                                                    |  | 17:15 – 17:55                                                                   |  |                                                   |  |                      |  |
| Workshop 3<br><br>Cervical and intra-<br>cranial vessels<br>Stefan Weidauer<br>Frankfurt (Germany) |  | 15:45 – 16:25                                                                   |  | SEMINAR ROOM 6<br>(Seminarraum 6)<br>Second Floor |  |                      |  |
|                                                                                                    |  | 16:30 – 17:10                                                                   |  |                                                   |  |                      |  |
|                                                                                                    |  | 17:15 – 17:55                                                                   |  |                                                   |  |                      |  |
| 18:00                                                                                              |  |                                                                                 |  | WELCOME RECEPTION                                 |  | FOYER (Ground floor) |  |

SCHEDULE - Wednesday, 11th June

SCHEDULE - Thursday, 12th June

| 08:30 – 09:00 Registration                                                         |                                                                                                                                 | FOYER (Ground floor)                          |                                                   |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------|
| 09:00 – 09:45                                                                      | Cerebral small vessel diseases<br>Jennifer Linn, Dresden (Germany)                                                              | LECTURE ROOM 1<br>(Hörsaal 1)<br>Ground floor |                                                   |
| 09:45 – 10:30                                                                      | Sella and parasellar region<br>Fabrice Bonneville, Toulouse (France)                                                            |                                               |                                                   |
| 10:30 – 11:00 Coffee Break                                                         |                                                                                                                                 | FOYER (Ground floor)                          |                                                   |
| 11:00 – 11:45                                                                      | Stroke imaging<br>Daniel Kaiser, Dresden (Germany)                                                                              | LECTURE ROOM 1<br>(Hörsaal 1)<br>Ground floor |                                                   |
| 11:45 – 12:30                                                                      | Stroke mimics<br>Roland Wiest, Bern (Switzerland)                                                                               |                                               |                                                   |
| 12:30 – 13:30 Lunch                                                                |                                                                                                                                 | FOYER (Ground floor)                          |                                                   |
| 13:30 – 14:05                                                                      | Vessel wall imaging and differential diagnosis of stenotic intracranial arteriopathies<br>Fabrice Bonneville, Toulouse (France) | LECTURE ROOM 1<br>(Hörsaal 1)<br>Ground floor |                                                   |
| 14:05 – 15:00                                                                      | Anatomy and diseases of the orbit<br>Dirk Daubner, Dresden (Germany)                                                            |                                               |                                                   |
| 15:00 – 15:30 Coffee Break                                                         |                                                                                                                                 | FOYER (Ground floor)                          |                                                   |
| IINTERACTIVE CASE READING SESSIONS (WORKSHOPS) - 3 x 40 min                        |                                                                                                                                 |                                               |                                                   |
| Workshop 1<br>Cerebral small vessel diseases<br>Jennifer Linn<br>Dresden (Germany) | 15:30 – 16:10                                                                                                                   |                                               | SEMINAR ROOM 4<br>(Seminarraum 4)<br>Second Floor |
|                                                                                    | 16:15 – 16:55                                                                                                                   |                                               |                                                   |
|                                                                                    | 17:00 – 17:40                                                                                                                   |                                               |                                                   |
| Workshop 2<br>Stroke and stroke mimics<br>Roland Wiest<br>Bern (Switzerland)       | 15:30 – 16:10                                                                                                                   |                                               | SEMINAR ROOM 5<br>(Seminarraum 5)<br>Second Floor |
|                                                                                    | 16:15 – 16:55                                                                                                                   |                                               |                                                   |
|                                                                                    | 17:00 – 17:40                                                                                                                   |                                               |                                                   |
| Workshop 3<br>Sella region<br>Fabrice Bonneville<br>Toulouse (France)              | 15:30 – 16:10                                                                                                                   |                                               | SEMINAR ROOM 6<br>(Seminarraum 6)<br>Second Floor |
|                                                                                    | 16:15 – 16:55                                                                                                                   |                                               |                                                   |
|                                                                                    | 17:00 – 17:40                                                                                                                   |                                               |                                                   |

| 08:30 – 09:00 Registration                                                                         |                                                                                                      | FOYER (Ground floor)                              |                                                       |
|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------------------------------|
| 09:00 – 09:45                                                                                      | <b>Venography and cerebral sinus and venous thrombosis</b><br>Jennifer Linn, Dresden (Germany)       | <b>LECTURE ROOM 1 (Hörsaal 1)</b><br>Ground floor |                                                       |
| 09:45 – 10:30                                                                                      | <b>Intracranial hypo- and hypertension</b><br>Olav Jansen, Kiel (Germany)                            |                                                   |                                                       |
| 10:30 – 11:00 Coffee Break                                                                         |                                                                                                      | FOYER (Ground floor)                              |                                                       |
| 11:00 – 11:45                                                                                      | <b>Hydrocephalus</b><br>Joanna Bladowska, Wroclaw (Poland)                                           | <b>LECTURE ROOM 1 (Hörsaal 1)</b><br>Ground floor |                                                       |
| 11:45 – 12:30                                                                                      | <b>Brain trauma</b><br>Luc van den Hauwe, Antwerp (Belgium)                                          |                                                   |                                                       |
| 12:30 – 13:30 Lunch                                                                                |                                                                                                      | FOYER (Ground floor)                              |                                                       |
| 13:30 – 14:05                                                                                      | <b>Intracranial hemorrhage</b><br>Luc van den Hauwe, Antwerp (Belgium)                               | <b>LECTURE ROOM 1 (Hörsaal 1)</b><br>Ground floor |                                                       |
| 14:05 – 15:00                                                                                      | <b>Demyelinating white matter lesions – differential diagnoses</b><br>Alex Rovira, Barcelona (Spain) |                                                   |                                                       |
| 15:00 – 15:30 Coffee Break                                                                         |                                                                                                      | FOYER (Ground floor)                              |                                                       |
| IINTERACTIVE CASE READING SESSIONS (WORKSHOPS) - 3 x 40 min                                        |                                                                                                      |                                                   |                                                       |
| <i>Workshop 1</i><br><b>Brain trauma and hemorrhage</b><br>Luc van den Hauwe<br>Antwerp (Belgium)  | 15:30 – 16:10                                                                                        |                                                   | <b>SEMINAR ROOM 4 (Seminarraum 4)</b><br>Second Floor |
|                                                                                                    | 16:15 – 16:55                                                                                        |                                                   |                                                       |
|                                                                                                    | 17:00 – 17:40                                                                                        |                                                   |                                                       |
| <i>Workshop 2</i><br><b>Demyelinating white matter lesions</b><br>Alex Rovira<br>Barcelona (Spain) | 15:30 – 16:10                                                                                        |                                                   | <b>SEMINAR ROOM 5 (Seminarraum 5)</b><br>Second Floor |
|                                                                                                    | 16:15 – 16:55                                                                                        |                                                   |                                                       |
|                                                                                                    | 17:00 – 17:40                                                                                        |                                                   |                                                       |
| <i>Workshop 3</i><br><b>Hydrocephalus</b><br>Joanna Bladowska<br>Wroclaw (Poland)                  | 15:30 – 16:10                                                                                        |                                                   | <b>SEMINAR ROOM 6 (Seminarraum 6)</b><br>Second Floor |
|                                                                                                    | 16:15 – 16:55                                                                                        |                                                   |                                                       |
|                                                                                                    | 17:00 – 17:40                                                                                        |                                                   |                                                       |

# SCHEDULE - Friday, 13th June

| 08:30 – 09:00 Registration                                                                         |                                                                                   | FOYER (Ground floor)                              |
|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------|
| 09:00 – 09:45                                                                                      | <b>Dementia</b><br>Jennifer Linn, Dresden (Germany)                               | <b>LECTURE ROOM 1 (Hörsaal 1)</b><br>Ground floor |
| 09:45 – 10:30                                                                                      | <b>Movement disorders</b><br>Horst Urbach, Freiburg (Germany)                     |                                                   |
| 10:30 – 11:00 Coffee Break                                                                         |                                                                                   | FOYER (Ground floor)                              |
| 11:00 – 11:45                                                                                      | <b>Cerebral vascular malformations</b><br>Matthias Gawlitza, Jena (Germany)       | <b>LECTURE ROOM 1 (Hörsaal 1)</b><br>Ground floor |
| 11:45 – 12:30                                                                                      | <b>Autoimmune encephalitis</b><br>Elke Hattingen, Frankfurt (Germany)             |                                                   |
| 12:30 – 13:30 Lunch                                                                                |                                                                                   | FOYER (Ground floor)                              |
| 13:30 – 14:05                                                                                      | <b>Intracranial infections</b><br>Majda Thurnher, Vienna (Austria)                | <b>LECTURE ROOM 1 (Hörsaal 1)</b><br>Ground floor |
| 14:05 – 15:00                                                                                      | <b>Acquired metabolic and toxic disorders</b><br>Horst Urbach, Freiburg (Germany) |                                                   |
| 15:00 – 15:30 Coffee Break                                                                         |                                                                                   | FOYER (Ground floor)                              |
| IIINTERACTIVE CASE READING SESSIONS (WORKSHOPS) - 3 x 40 min                                       |                                                                                   |                                                   |
| <i>Workshop 1</i><br><b>Neurodegenerative diseases</b><br>Jennifer Linn<br>Dresden (Germany)       | 15:30 – 16:10                                                                     |                                                   |
|                                                                                                    | 16:15 – 16:55                                                                     |                                                   |
|                                                                                                    | 17:00 – 17:40                                                                     |                                                   |
| <i>Workshop 2</i><br><b>Cerebral vascular malformations</b><br>Matthias Gawlitza<br>Jena (Germany) | 15:30 – 16:10                                                                     |                                                   |
|                                                                                                    | 16:15 – 16:55                                                                     |                                                   |
|                                                                                                    | 17:00 – 17:40                                                                     |                                                   |
| <i>Workshop 3</i><br><b>Intracranial infections</b><br>Majda Thurnher<br>Vienna (Austria)          | 15:30 – 16:10                                                                     |                                                   |
|                                                                                                    | 16:15 – 16:55                                                                     |                                                   |
|                                                                                                    | 17:00 – 17:40                                                                     |                                                   |
| COURSE DINNER                                                                                      |                                                                                   | Luisenhof Dresden                                 |

# SCHEDULE - Saturday, 14th June

| 08:30-09:00 Registration         |                                                                                                                    | FOYER (Ground floor)                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| 09:00 – 09:15                    | <b>Introduction and hand out</b><br>Jennifer Linn, Dresden (Germany)                                               | <b>LECTURE ROOM 1 (Hörsaal 1)</b><br>Ground floor |
| 09:15 – 10:30                    | <b>Written final examination</b><br>(60 Multiple Choice Questions)<br>All participants                             |                                                   |
| 10:30 – 11:00                    | <b>Questions and answers</b><br>Jennifer Linn, Dresden (Germany)                                                   |                                                   |
| 11:00 – 11:30 Coffee Break       |                                                                                                                    | FOYER (Ground floor)                              |
| 11:30 – 12:15                    | <b>Contrast agents in brain MRI –</b><br>Update & Panel Discussion<br>Jennifer Linn, Dresden (Germany) and Faculty | <b>LECTURE ROOM 1 (Hörsaal 1)</b><br>Ground floor |
| 12:15 – 12:30                    | <b>Best student award, certificates of merit and Farewell</b><br>Jennifer Linn, Dresden (Germany)                  |                                                   |
| 12:30 – 13:30 Lunch and Farewell |                                                                                                                    | FOYER (Ground floor)                              |
|                                  |                                                                                                                    |                                                   |

## EMRI - Course Central Nervous System I

### MRI of non-neoplastic brain disorders

10 – 14th June 2025  
Dresden

