

# 3<sup>rd</sup> May 2017 Program

**10.00 – 10.15 am** Welcome coffee

**10.15 – 10.30 am** Welcome by Dr. Esther Kühn

**10.30 – 12.00 am** Session 1: Anatomical layer mapping

- Biological modeling of layers **Dr. Pierre-Louis Bazin**
- QSM-Surfer **Dr. Julio Acosta-Cabronero**
- Layer-dependent myelin mapping **Dr. Esther Kühn**
- Summary, discussion & definition of key interests

**12.00 – 1.00 pm** Lunch break @ Cafeteria

**1.00 – 2.30 pm** Session 2: Functional layer mapping

- Layer- specific assessment of neural representations **Yi Chen**
- Frequency signature of cortical laminar fMRI **Maria Guidi**
- Vascular modeling: QSM at 370 micrometer **Andreas Becke**
- Summary, discussion & definition of key interests

**2.30 – 3.30 pm** Coffee break

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### 3.30 – 5.00 pm Session 3: MR sequences

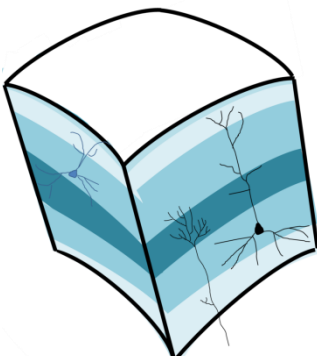
- What is the best sequence for layer-specific functional mapping? VASO versus BOLD **Dr. Robert Trampel**
- Multi-parameter mapping at 7 Tesla **Dr. Kerrin Pine**
- Calibrated BOLD – What is the state-of-the-art? **Dr. Alberto Merola**
- Summary, discussion & definition of key interests

### 5.00 – 5.30 pm Outlook

- Formation of novel groups
- Set goals for 2017/2018

### 6.00 pm Dinner @ Cafeteria

### 8.30 pm – open end Drinks @ Bar Imperii



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