

Welcome to the DFT summer school 2024

Gregor Schöner

Presentations: Our team(s)

DFT team

- Raul Grieben
- Minseok Kang
- Stephan Sehring
- Lukas Bildheim

Motor control group

- Lukas Bildheim
- Wanxiong Cai
- Lei Zhang

Presentations participants

Program Monday

- Welcome and Introduction [10]
- What is DFT? [10]
- Background: Neural principles [30]
- DFT foundations I space and time [45]
- Background: Evidence [10]
- Introduction to Cedar [45]
- Cedar hands-on [60]
- Presentation of projects [10]

Program Tuesday

- DFT foundations 2 space/time coupling [1:30]
- DFT foundations 3 Learning [30]
- DFT foundations 4 Time advanced: Sequence generation [1:30]
- DFT architecture for an intentional agent [45]
- Why model? [30]
- Discussion [30]
- Project preparation [30]

Program Wednesday

- DFT solves problems 1: Visual attention in natural environments [Raul Grieben, 180]
- DFT solves problems 2: Conceptual structure, perceptual grounding, and mental mapping [GS, 60]
- Project work

Program Thursday

- DFT solves problems 3: Grounding imperative phrases [Stephan Sehring 45]
- DFT solves problems 3: Analogical mapping [Minseok Kang 45]
- DFT solves problems 5: Movement generation [Lukas Bildheim 45]
- Project work
- Project presentations

Program Friday

- Project work
- Project presentations
- Discussion

Events

- Wednesday dinner
- Friday afternoon presentations/discussion

Discussion is key!

- ask...

- ... in talks

- ... in the breaks

- ... during project sessions