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**Schedule**

**Day 1 (23/08): Developmental Neuroscience**

8:30 - 10:00: Gaia Tavosanis - Introduction.
Sandra Blaess - Neuronal Specification and Differentiation.

10:00 - 10:30: Break.

10:30 - 12:00: Dietmar Schmucker - Molecular Mechanisms of Neurite Branching and CNS Synaptogenesis.
Frank Bradke - Regeneration in the Nervous System.
Ayse Ulusoy - Animal models of Parkinson’s disease.
Martin Fuhrmann - Optogenetics and Manipulation of Neural Circuits.

12:00 - 13:30: Break.

Lab visits.
Lab visits.
Tatjana Tchumatchenko - Clustering Algorithms for Molecular Images.
Tony Kelly - Intracellular Electrophysiology Recordings: Currents and Voltage.

14:30 - 15:00: Break.

15:00 - 16:30: Elevator Pitch - You and Your Project Group 1.
Lab visits.
Lab visits.
Elevator Pitch - You and Your Project Group 2.
Lab visits.

**Day 2 (24/08): Cellular Neuroscience**

8:30 - 10:00: Eckhard Mandelkow - Tau and Neurodegenerative Tauopathies.

10:00 - 10:30: Break [09:30 - 09:45].

10:30 - 12:00: Ayse Ulusoy - Animal models of Parkinson’s disease.

12:00 - 13:30: Break.

13:30 - 14:30: Martin Fuhrmann - Optogenetics and Manipulation of Neural Circuits.

14:30 - 15:00: Break.

15:00 - 16:30: Elevator Pitch - You and Your Project Group 2.
Lab visits.
Lab visits.