Thursday, Oct. 4th

12:00 – open	**Registration** at the Meeting's reception desk
13:00	Poster rooms open – please put up posters
14:00 – 14:15	Welcome

Symposium 1 – ***Development & plasticity***
Chaired by Dorothea Schulte & Susanne tom Dieck

14:15 – 15:05	Keynote: Rachel O. Wong *Circuit development in the vertebrate retina*
15:05 – 15:30	William J. Brunken *Genetic deletion of laminin disrupts retinal development and organization*
15:30 – 15:50	Coffee break
15:50 – 16:15	Hanna Regus-Leidig *Assembly of photoreceptor ribbon synapses from a heterogeneous population of precursor spheres*
16:15 – 16:40	David R. Copenhagen *The overlapping and distinct roles of NT-3 and BDNF in the refinement of RGC dendritic structures during postnatal development*
16:40 – 17:05	Shigang He *Light independent formation of a retina circuitry for coding motion directions*
17:05 – 17:15	Discussion
17:15 – 17:30	Break

Special lecture

17:30 – 18:15	Eberhart Zrenner *Subretinal microphotodiode-arrays for providing visual orientation to blind patients* followed by a brief presentation of *The European Vision Institute*
18:30 – 21:00	**Posters** (with drinks & snacks)

Friday, Oct. 5th

8:30	Poster rooms open

Symposium 2 – *Retinal circuits I*
Chaired by Silke Haverkamp & Thomas Euler

9:00 – 9:50	Keynote: Heinz Wässle *Glycinergic inhibition in the mammalian retina*
9:50 – 10:15	Jeffrey S. Diamond *Subunit-specific localization and function of NMDARs in rat ganglion cells*
10:15 – 10:35	Coffee break
10:35 – 11:00	Richard H. Masland *The spatial distribution of PSD95 sites upon diverse types of retinal ganglion cells follows a single generic plan*
11:00 – 11:25	David Balya *Retinal repair by circuit-specific intervention with an optical neuromodulator*
11:25 – 11:50	Robert F. Miller *Modulation of NMDA receptors in the retina through static and dynamic mechanisms of D-serine regulation*
11:50 – 12:00	Discussion
12:00 – 13:30	Break (lunch not organized)
13:30 – 16:00	**Posters** IMPORTANT: Please take down posters immediately after the session!

Friday's program continued on next page …

Friday, Oct. 5th - continued

Symposium 3 – *Retinal circuits II*

Chaired by Maarten Kamermans & Leo Peichl

16:20 – 17:10	Keynote: Steven H. DeVries *Bipolar cell circuits for dichromatic color vision*
17:10 – 17:35	Ulrike Grünert *Connectivity of OFF midget bipolar cells in the retina of the marmoset monkey*
17:35 – 17:55	Coffee break
17:55 – 18:20	Thorsten Hansen *Color perception in the peripheral visual field*
18:20 – 18:45	Maarten Kamermans *Zebrafish Cx55.5(C54X) 'knock outs' have deficits in cone-mediated vision*
18:45 – 18:55	Discussion
18:55 – 19:15	Break

Special lecture

19:15 – 20:00	David I. Vaney *Birthday lecture for Reto Weiler*
20:15 – 23:00	Organized dinner cruise with buffet dinner on the Main River with a view of the Frankfurt skyline (financed by sponsors, drinks not included)

Saturday, Oct. 6th

Symposium 4 – *Spatio-temporal computing/coding in the retina*
Chaired by Jutta Kretzberg & Josef Ammermüller

9:00 – 9:50	Keynote: Markus Meister *Eyes smarter than scientists believed: neural computations in the retina*
9:50 – 10:15	Leon Lagnado *Sustained and transient signals in the synaptic terminals of retinal bipolar cells imaged* in vivo
10:15 – 10:35	Coffee break
10:35 – 11:00	Gabe J. Murphy *Source, properties, and impact of network variability on action potential generation in retinal ganglion cells*
11:00 – 11:25	Andreas Thiel *A comparison of rate coding and latency coding based on velocity and acceleration sensitivity in turtle retinal ganglion cells*
11:25 – 11:50	Matthias Bethge *Receptive fields without spike-triggering*
11:50 – 12:00	Discussion
12:00 – 13:30	Break (lunch not organized)

Saturday's program continued on next page …

Saturday, Oct. 6th - continued

Symposium 5 – *Retinal adaptation on different levels*

Chaired by Karin Dedek & Karl-Wilhelm Koch

13:30 – 14:20	Keynote: Jonathan B. Demb *Function circuitry of visual adaptation*
14:20 – 14:45	Pedro de la Villa *Intrinsically photosensitive retinal ganglion cells: functional role in light adaptation*
14:45 – 15:05	Coffee break
15:05 – 15:30	Stuart C. Mangel *A circadian clock in the retina regulates rod-cone coupling*
15:30 – 15:55	Oliver Biehlmaier *Mutations in the Usher1B related gene myo7a lead to light adaptation defects in zebrafish*
15:55 – 16:00	Discussion
16:00 – 16:30	Final discussion, suggestions, comments
16:30	Departure