
*Thirteenth European Conference
on Eye Movements ECEM13*

Schedule

17:00 - 19:00	Registration University main building
17:00 - 20:00	Welcome party with snacks and drinks University main building

City map: Train station and University main building

08:00	Registration	
09:00	210 Official opening addresses	

	Form and motion Chair: <i>N. Wade</i>	Attention 1 Chair: <i>W.F. Bischof</i>	
09:30	H. Deubel & C. de Sperati Is motion imagery accompanied by a spatio-temporal evolution of attention?	120 TA-76	C. Ludwig, I. Gilchrist, E. McSorley & R. Baddeley The temporal impulse response underlying saccadic decisions
09:50	R. Johansson, J. Holsanova & K. Holmqvist What Do Eye Movements Reveal About Mental Imagery? [...]	TA-77	L. Madelain, M. Harwood, R. Krauzlis & J. Wallman Spatial scale of attention modulates saccade latency
10:10	M. R. Dürsteler When peripheral motion impinges on central motion perception.	TA-78	A. Hunt, C. Chapman & A. Kingstone Squeezing impression from compression: Eliminating response uncertainty as an explanation [...] TB-84
10:30	D. Melcher Trans-saccadic integration of form: evidence from visual after-effects	TA-79	T. Collins & K. Doré-Mazars Does perception use the intended or actual eye movement signal? Evidence from the adaptation of reactive [...] TB-85
10:50	E. McSorley, R. Walker & P. Haggard The relationship between saccade curvature, distractor distractor distance and saccade latency	TA-80	E. M. Reingold, A. Elahipanah & J. Shen Change detection in possible and impossible perceptual events: [...] TB-86
11:10	J. Vanrie, K. Verfaillie Reversibility and depth in the perception of biological motion	TA-81	D. Kerzel & N. E. Ziegler Exogenous and endogenous attention shifts during smooth pursuit eye movements
11:30	TB-87		
12:00	110 Alan Kennedy (University of Dundee) IA-1 Skipping, Jumping and Standing Still- Some Unresolved Issues in Reading Research		
13:00	Lunch break		

		08:00
		09:00
Distributed processing across reading fixations Chair: <i>R. Kliegl</i>	Non-transactional recording and research technique of eye movement Chair: <i>K. Koga</i>	
R. Kliegl, A. Nuthmann & R. Engbert Tracking the Mind During Reading: The Influence of Past, Present, and Future Words on Fixation Durations	K. Koga, A. Nakagawa & M. Sukigara How to calibrate eye position data for the infant without verbal communications	09:30
J. Pynte & A. Kennedy Cross-linguistic differences in the Dundee corpus	M. F. Land Recording the eye movements of mantis shrimps and men	09:50
S. McDonald, R. H. S. Carpenter & R. Shillcock Modelling saccade latencies in reading as a consequence of [...]	A. Takabayashi & K. Iwata Eye movements of goldfish under the micro-gravity environment	10:10
R. Reilly, R. Radach, D. Corbic & S. Luksaneeyanawin Comparing reading in English and Thai: The role of spatial word unit [...]	M. Menozzi Mini telemetric system continuously recording field of gaze and movements of eye and head	10:30
F. Vitu & G. W. McConkie Distinguishing serial and parallel processing accounts of a parafoveal preview function in reading		10:50
K. Rayner, S.J. Brown & B.J. Juhasz Do readers obtain preview benefit from word n2?		11:10
		11:30
		12:00
		13:00

14:00	<p style="text-align: center;">Poster Session</p> <p>Neurophysiological and perceptual processes: M. Joos, S. Pannasch, J. R. Helmert & B. M. Velichkovsky PA-154 / E. Lorincz & B. Hess PA-156 / Y. Kitamura, K. Horii, K. Kotani, T. Usui, G. d'Ydewalle PA-157 / S. Jainta, W. Jaschinski & H. Jungnickel PA-158 / W. Jaschinski, W.B. Kloke, C. John PA-159 / S.T. Graupner, J. Marx, S. Pannasch & B.M. Velichkovsky PA-160 / L. Pfenninger, K. Landau, O. Bergamin PA-161 / D. Berry, C. M. Harris PA-162 / S. Marti, D. Straumann, St. Glasauer PA-163 / K. Horii, Y. Kitamura, K. Kotani, K. Akahoshi, G. d'Ydewalle PA-164 / L. Nummenmaa, J. Hietanen PA-165 / K. Horii, Y. Kitamura, K. Kotani, F. Okuyama, G. d'Ydewalle PA-166 / T. Tchelidze, B. Hess PA-167 / S. Ramat, C.J. Bockisch, K.P. Weber, A. Tarnutzer, D. Straumann PA-168 / C.R. Ponce, S.G. Lomber, R.T. Born PA-169 / H. Ito PA-170 / M. Rolfs, J. Laubrock, R. Kliegl PA-171 / H. Toyoshima, T. Yamanoi, T. Yamazaki, S. Ohnishi PA-172 / D. Pelisson, N. Alahyane PA-173 / G. Van Belle, J. Vanrie, K. Verfaillie PA-174 / N. Rycroft, S. Hutton & J. Rusted PA-175 /</p>		
15:30	<p style="text-align: center;">110 Charles Pierrot-Deseilligny (Salpêtrière Hospital Paris) IB-2 Cortical Control of Eye Movements</p>		
16:30	<p style="text-align: center;">Coffee / Tea break</p>		
<hr/>			
17:00	<p>Face and Image processing Chair: G. d'Ydewalle</p>	201	<p>Syntactic factors in reading Chair: G.Th. Pavlidis</p>
17:20	<p>M. F. Land & G. Baker Eye movements of an artist during sketching and drawing a portrait</p>	TC-88	<p>R. P. G. Van Gompel, Jamie Pearson, Martin J. Pickering & Manabu Arai Reanalysis and competition during syntactic ambiguity resolution: [...] TD-94</p>
17:40	<p>S. Raidt & G. Bailly Eye Gaze in Face-to-Face Interaction with a Talking Head</p>	TC-90	<p>A. Staub & C. Clifton Effects of syntactic category predictability on eye movements during reading</p>
18:00	<p>M. Paré, H. Shelley, M. Yurick & K.G. Munhall Asymmetrical face processing by gaze behavior during audiovisual [...] TC-91</p>	TD-96	<p>R. Hill & Roger van Gompel Eye movements and processing at the point of sentence wrap-up.</p>
18:20	<p>P. De Graef Contextually enhanced transsaccadic object perception in realistic scenes</p>	TC-92	<p>K. Chace, J. Myers, K. Rayner Distance effects on the resolution of inconsistent anaphors in discourse Processing</p>
18:40	<p>X. Li, K. Rayner, C. Williams & K. Cave Differences in picture processing and its relation with reading performance for Chinese and English readers</p>	TC-93	<p>M. Arai, R. P. G. Van Gompel & C. Scheepers Structural priming in comprehension: Evidence from visual-world [...] TD-99</p>

<p>Poster Session (continued.):</p> <p>Neurophysiological and perceptual processes: M. K. Uddin, Ninsei Yuri, Sachio Nakamizo PA-176 / H. Tegetmeyer, A. Wenger PA-177 / T. Yamanoi, H. Toyoshima, T. Yamazaki PA-178 / M. Furuya, S. Murakami, N. Ikeda, T. Yamanoi, H. Toyoshima, Yuhta Fujiwara PA-179 / M. Fujita PA-180 / M. Wexler PA-181</p> <p>Methodological issues: G. Wesiak, W. Krenn PB-182 / F. A. Rodriguez Campos, J. D. Enderle PB-183 / A. Huckauf PB-184 / W. Payne, P. West, C. Harris PB-185 / K. Holmqvist, B. Breidegaard, S. Strömquist, K. Feilenius and Y. Eriksson PB-186 / T. Rodemann, F. Joublin, C. Goerick PB-187 / J. West, A. Haake, E. Rozanski, K. Karn PB-188 / S. Bardins, E. Schneider, K. Bartl, T. Dera, G. Boening, T. Brandt PB-189 / G. Boening, E. Schneider, K. Bartl, S. Bardins, T. Dera, T. Brandt PB-190 / G. Daunys, N. Ramauskas, V. Laurutis, D. Dervinis PB-191 / S. Nikolov, J. Pelz PB-192 / K. Essig, S. Pohl, H. Ritter PB-193</p>	14:00
	15:30
	16:30

Cortical mechanisms of smooth pursuit dysfunction in schizophrenia Chair: Y. Chen	Clinical studies of perceptual and oculomotor dysfunctions Chair: R. Mueri	
W. Heide et al. Cortical mechanisms smooth pursuit (SP) eye movements driven by retinal or extraretinal signals	Th. Nyffeler et al. Oculomotor behaviour in simultanagnosia: A longitudinal case study	17:00 WD-22
S.B. Hutton The role of cortical attentional systems in eye tracking dysfunction	B. Reuter et al. Volitional action and the inhibition of reflexive saccades in patients with focal lesions of the prefrontal [...]	17:20 WD-23
R. Lencer et al. Reduced neuronal activity in the V5-complex underlies smooth pursuit deficit in schizophrenia	G. B. Wilhelmsen Effects of eye movement rehabilitation on stroke patients	17:40 WD-24
G. Thaker, E. Hong, M. Avila, M. Tagammets & I. Wonodi Neuronal correlates of eye tracking deficits in schizophrenia	T. Pflugshaupt et al. The Functional Visual Field: A new method to analyse outcomes of visual field defects	18:00 WD-25
Y. Chen et al. Altered cortical and behavioral responses to visual motion in schizophrenia: Sensory [...]	D. Spengler et al. Evidence from enhanced predictive saccade behaviour for a dysfunction of fronto-striatal circuits in [...]	18:20 WD-26
	T. J. Crawford & S. J. Higham Inhibitory control of saccades in Parkinson's Disease and Alzheimer's Disease in relation to [...]	18:40 WD-27

08:00	Registration	
09:00	110 U. P. Mosimann (Wolfson Research Centre Newcastle)	IC-3 Saccadic Eye Movements in Neurodegenerative Disorders
10:00	Coffee / Tea break	

	Eye, head and body movement Chair: K. Koga	Attention 2 Chair: K. Rayner
10:30	N. J. Wade & B. W. Tatler Eye rotations after body rotations TE-100	C. Koch & H. Deubel First come, first serve - a simple rule for landmark-based localisation TF-106
10:50	J. Van der Steen, J. van der Geest, J. van den Dobbelen & H. Simonsz Eye-head coordination: What when the eyes do not move TE-101	B. W. Tatler & R. J. Baddeley The relative roles of high and low level factors in saccade control: an information theoretic analysis TF-107
11:10	A. Clarke & T. Haslwanter The collinearity of Listing's plane and the vestibulo-oculomotor response in microgravity TE-102	H. Deubel & D. Baldauf Attentional deployment before sequences of goal-directed eye and hand movements TF-108
11:30	L. Bour, A. Van Rootselaar, J. Koelman & M. Tijssen Ocular motor abnormalities in neurodegenerative disorders [...] TE-103	S. Van der Stigchel & J. Theeuwes Our eyes move away from things we expect: on the role of expectancy in the programming of eye movements TF-109
11:50	K. P. Weber, O. Bergamin, K. Landau & D. Straumann Kinematics of saccades during Bielschowsky head-tilt [...] TE-104	S. B. Hutton & B. W. Tatler Cognitive control during antisaccade performance TF-110
12:10	A. Palla, C.J. Bockisch, O. Bergamin & D. Straumann Dissociated hysteresis of static ocular counterroll in humans TE-105	G. Kuhn & M.F. Land Keeping your eye on the ball? The magic of representational motion. TF-111
12:30	Lunch break	

		08:00
		09:00
		10:00
Integrating language and vision Chair: J. Henderson & F. Ferreira 220	Lawrence Stark revisited: The control of eye movements and the Noton & Stark scanpath theory Chair: W.H. Zangemeister & S.R. Ellis 120	
P. Gordon, C. Camblin, K. Ledoux & T. Swaab Interaction of Lexical and Discourse Factors during Reading WE-28	S. R. Ellis Reminiscence of scanpaths past WF-34	10:30
G. Altmann & A. Salverda On the automaticity of language-mediated eye movements WE-29	C. M. Privitera et al. The top-down scanpath theory of vision and the role of bottom-up conspicuity information. WF-35	10:50
Z. Griffin Where Speakers Look WE-30	R. Groner et. al. Local scanpaths versus global scanpaths – Is it necessary to extend the Noton-Stark theory? WF-36	11:10
M. Crocker Interpreting eye-movements in visual scenes: evidence from conflicting processes during spoken [...] WE-31	S. A. Brandt, E. Yago, M. Olma & T. Donner Visual search: Impact of eye movements, task difficulty and spatial [...] WF-37	11:30
F. Ferreira, G. Pierce, N. Patson, B. Bartek & J. Henderson The influence of concurrent linguistic information on fixation [...] WE-32	W.H. Zangemeister & Th. Liman Parafoveal training and visual imagery in virtual hemianopic normal Subjects. WF-38	11:50
S. Garrod, M. J. Pickering & B. McElree Interactions of language and vision restrict "visual world" interpretations WE-33		12:10
		12:30

14:00	Poster Session Clinical applications: P. Knox, J. Judge, M. Caravolas PC-194 / N. Alahyane, P. Fourmeret, D. Périsson PC-195 / R. Johnson, K. Rayner PC-196 / L. Pfenninger, K. Landau, O. Bergamin PC-197 / M. Heitger, T. Anderson, R. Jones PC-198 / A. Sprenger, E. Zils, G. Stritzke, A. Krueger, H. Rambold, C. Helmchen PC-199 / S. Zapf, A. Sprenger, M. Nagel, R. Lencer PC-200 / P. Wurtz, R. Ptak, T. Pflugshaupt, R. von Wartburg, Th. Nyffeler, C. W. Hess, R.M. Müri PC-201 / T. Pflugshaupt, U.P. Mosimann, R. von Wartburg, W. Schmitt, T. Nyffeler, R.M. Müri PC-202 / A.I. Kubarko, Y. Kubarko PC-203 / J. Bandyopadhyay, Mr. V. Hegde, Ms. F. Dean PC-204 / A. Caspi, R. Levite, C. Gordon, A.Z. Zivotofsky PC-205 Ergonomic applications: L. Nummenmaa, J. Hyönä, M. Nyman, R. Parkkola PC-206 / O. de Wilde, L. Bour, P. Dingemans, T. Boeree, D. Linszen PC-207 / S. Murakami et al. PC-208 / Ph. Sury PD-209 / Y. Jin, S. Gillner, H. A. Mallot PD-210 / A. Crespo, R. Cabestrero, A. Barrio PD-211 / S. Unno et al. PD-212 / Y. Kato, S. Takeuchi, R. Fukuda, T. Fukuda, M. Moriguchi PD-213 / J. Miyakawa, N. Takahara, R. Fukuda and T. Fukuda, M. Moriguchi PD-214 / T. Dukic, T. Falkmer PD-215 / N. Takahara et al. PD-216 / J. Leong, M Nicolaou, R Emery, X-P Hu, A Darzi, G-Z Yang PD-217 / J. Simola, J. Salojärvi, K. Puolamäki, I. Kojo PD-218 / C. Lapa, E. Rozanski, A. Haake, C. Sekella, K. Karn PD-219
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Methodology Chair: <i>D. Zamb Barbieri</i>		101	Ergonomics of transportation Chair: <i>H.T. Zwahlen</i>		201
15:30	R. Schleicher & N. Galley Saccadic velocity and duration as psychological variables I. Standardization procedure	TG-112	F. Schieber, D. Burns, J. Myers, N. Willan & J. Gilland Driver Eye Scan Patterns and Legibility of Highway Signs at Night: [...]	TH-115	
15:50	N. Galley & R. Schleicher Saccadic velocity and duration as psychological variables II. [...]	TG-113	M. Biella Pilot Gaze and Aircraft Performance with Respect to Situation Awareness	TH-116	
16:10	K. Holmqvist, M. Nyström & M. Novak Gaussian representations of multiple viewers interest	TG-114	T. Falkmer, A. Anund & T. Dukic The school transportation vehicle's icon – doing any good?	TH-117	
16:30	Coffee / Tea break				

Poster Session

Images and natural scenes: R. Cabestrero, A. Crespo, P. Quirós, G. Grzib PD-220 / J.P. Courchia, M. Righini MD, B. Courchia, P. Salone PD-221 / D. Droege, F. Fritzer, D. Paulus PD-222 / R. von Wartburg et al. PE-223 / R. von Wartburg, T. Pflugshaupt, P. Wurtz, T. Nyffeler, R.M. Müri PE-224 / L. Holm, T. Mäntylä PE-225 / H. Kirchner, D. Kerzel, S.J. Thorpe PE-226 / I. Hub Faria, A. Baptista, P. Luegi, C. Taborda PE-227 / M. Loertscher, N. Hofer, F. Notter PE-228 / S. Sharmin, H. Rantala, K. Koivunen, K.-J. Räihä PE-229 / S. Pannasch et al. PE-230 / E. Birmingham, M. Yanko, A. Kingstone, W. F. Bischof PE-231 / J. Lobmaier, M. Fischer, A. Schwaninger PE-232 / P. Diderichsen PE-233 / K. Essig, H. Ritter PE-234 / E. M. Reingold, A. Elahipanah, J. Shen PF-237

14:00

Spatial aspects of reading

Chair: J. Hyönä

120

H. Blythe, H. Joseph, S. White & S. Liveredge
The Binocular Co-ordination of Eye Movements During Reading [...] TI-118

W. Murray
The reader's conception of space
TI-119

G. Th. Pavlidis & P. Samaras
Ophthalmokinesthesia (Pavlidis test) objectively prognose- diagnose preschoolers at high-risk for [...] TI-120

E-Z model of reading

Chair: H. Deubel

220

E. D. Reichle, N. Tokowicz, Y. Liu, & C. Perfetti
Using ERP to examine the "eye-mind" link during reading. TJ-121

E. M. Reingold & K. Rayner
Examining the stages of the E-Z Reader model
TJ-122

E. D. Reichle & P. A. Laurent
Using reinforcement learning to understand the emergence of "intelligent" eye-movement control during [...] TJ-123

15:30

15:50

16:10

16:30

Cortical control Chair: <i>F. Mast</i>		106	Communication by gaze interaction - in search of new solutions Chair: <i>P. Majaranta & K.J. Räihä</i>	114
17:00	K. Johnston & S. Everling Primate prefrontal cortex sends rule-related information to the superior colliculus	TK-124	M. Donegan et al. Providing eye control for those who need it most - a study on user requirements	WG-40
17:20	C. Field et al. Prefrontal corticotectal projections to the rostral pole of the superior colliculus in the macaque	TK-125	J. P. Hansen Design criteria for gaze typing systems	WG-41
17:40	S. Yang Stimulation at the Supplementary Eye Field Modulates the Initiation of Directionally Selective [...]	TK-126	O. Spakov & D. Miniotas EyeChess: A Tutorial for Endgames with Gaze-Controlled Pieces	WG-42
18:00	S.H. Butler, C.J.H. Ludwig, I.D. Gilchrist, K. Muir & M. Harvey Anti-saccades in patients with right parietal lesions	TK-127	B. M. Velichkovsky et al. Towards communication of unusual things: Attention, consciousness and, perhaps, feeling	WG-43
18:20	M. Brown, H. Goltz, T. Vilis, K. Ford & S. Everling Fast Event-related fMRI of Prosaccades, Antisaccades, and Nogo Trials	TK-128	M. Dorr, M. Boehme, T. Martinetz, K. Gegenfurtner & E. Barth Analysing and reducing the variability of gaze patterns on natural videos	WG-44
18:40	J. Edelman & D. Shiu Cognitive influences on the vector and latency of express saccades	TK-129	D. Grover, T. Delbrück & M. King An eye tracking system using multiple near-infrared channels with special application to efficient [...]	WG-45

Eye movements in reading: individual differences Chair: R. Radach	101	L. Stark's Dry Dissection, Reading-Path, Saccadic Scene Analysis and Problem Solving Chair: J.L. Semmlow	120
K. Rayner, X. Li, C. Williams & K. Cave Eye movements in reading and other cognitive tasks: [...] WH-46		J.L. Semmlow 'Dry Dissection' of Motor Movements using Independent Component [...] WI-52	17:00
R. Radach, S. Huestegge & R. Piringer & L. Huestegge Eye movements in reading and visuomotor development WH-47		K. Schill A Hybrid Model of Attention and Recognition by Information Maximization WI-53	17:20
F. Hutzler & A. Jacobs Dyslexic readers: No evidence for deficits in oculomotor control or visual perception during reading. WH-48		C. Krischer, W. Zangemeister & R Meißen The reading scanpath for variable top-down and bottom-up [...] WI-54	17:40
U. Weger & A. Inhoff Regression size is predicted by individual differences in Inhibition of Return WH-49		S. Bertel & C. Freksa Can we use eye tracking to support problem solving? WI-55	18:00
R. Williams & R.K. Morris Relative contributions of working memory and vocabulary knowledge to the process of vocabulary [...] WH-50			18:20
J. Laubrock, R. Kliegl & R. Engbert Eye movements in reading: Modeling age differences with SWIFT WH-51			18:40

08:00	Registration
09:00	110 R. John Leigh (VA Medical Center Cleveland) ID-4 New Views on Brainstem and Cerebellar Mechanisms for Disorders of Saccades
10:00	Poster Session Saccadic programming, attention and memory: M.A. Hogervorst, P. Bijl, A. Toet PF-235 / I. Hooge, B. Vlaskamp, E. Over, and M. Frens PF-236 / J. R. Helmert, M. Hofmann, S. Pannasch, B. M. Velichkovsky PF-238 / R. Grotens, C. Vorstius, R. Radach, I. Koch PF-239 / B. Olk, A. Kingstone PF-240 / E. M. Fine, S. Yurgenson, C. M. Moore PF-241 / B. White, Karl R. Gegenfurtner, Dirk Kerzel PF-242 / N. Kathmann, B. Reuter, A. Philipp, I. Koch PF-243 / V. Brown, S.P. Liversedge, J.M. Findlay PF-244 / T.J. Crawford, M. Kean, J. Hamm, R. Klein PF-246 / B. Vlaskamp, I. Hooge PF-247 / M. MacAskill, D. Ko, T. Anderson PF-248 / K. Doré-Mazars, T. Collins, D. Vergilino-Perez, K. Bohacova, C. Beauvillain PF-249 / J. Marx, L. Pieper, O. Riedel, S. Pannasch, B.M. Velichkovsky PF-250 / R. Walker, E. McSorley PF-251 / C. Ludwig, I. Gilchrist PF-252 / C. Walthew, I. Gilchrist PF-253 / H. Koesling, A. Kenny, D. Delaney, S. McLoone, T. Ward PF-254 / A. Krajcsi, Gy. Kovacs, Z. Vidnyanszky, Zs. Palatinus PF-255

11:30

Coffee / Tea break

Parafoveal and foveal processing Chair: <i>F. Vitu-Thibault</i>		Ergonomics in real and virtual environments Chair: <i>M. Menozzi</i>
12:00	J. Hyönä et al. The Effect of Withholding Parafoveal Preview Information in Processing English Compound Words	D. Zambarbieri, S. Crespi, C. Robino & L. Calvi Eye movement analysis as an evaluation tool in the field of [hci]
12:20	B.J. Juhasz, K. Rayner, S.J. White & S.P. Liversedge Further Investigations into the use of parafoveal word length info[...]	D. Zambarbieri, S. Crespi, C. Robino & L. Calvi Scanpath analysis during navigation through an hypertext: [...]
12:40	T. Häikiö, J. Hyönä, R. Bertram & P. Niemi Processing of parafoveal letter information by children: [...]	A. Dickinson et al. Making sense of content: eye-tracking older, novice users to evaluate an alternative web browser design
13:00	R. Shillcock Determinants of the optimal viewing position in visual word recognition	L. Huestegge & R. Radach Visual processing and eye movements in a virtual shopping environment
13:20	A. Nuthmann, R. Engbert & R. Kliegl Mislocated fixations during reading and the inverted optimal viewing position effect	K. Holmqvist, J. Holsanova & N. Holmberg The effect of photos and information graphics on newspaper reading
13:40	D. Drieghe, T. Desmet & M. Brysbaert The relative importance of language factors in word skipping [...]	S. Folker, L. Sichelschmidt & H. Ritter The attention-guiding function of color-codes in processing [...]

		08:00
		09:00
		10:00
Poster Session		

Reading: G.L. Yan, G.L.Yan, H.J.Tian, X.J.Bai, K.Rayner PG-256 / M. H. Yen, J. L. Tsai, O. J. L. Tzeng, D. L. Hung PG-257 / H. Ko, M.Chen PG-258 / X.J. Bai, G.L.Yan, D.L.Shen PG-259 / G. Feng, Y. Lee, R. Mazuka, N. Jincho PG-260 / J. Hyönlä, M. Koivisto PG-261 / E. Richter, R.Engbert PG-262 / H. Kreiner, P. Sturt, S. Garrod PG-263 / M. Michael, P. Gordon PG-264 / H. Joseph, H. Blythe, S. White, S. Liversedge PG-265 / R. Filik, A. Sanford, P. Sturt (University of Glasgow), M. Poesio PG-266 / T. J. Slattery, K. Rayner PG-267 / C. Vorstius, D.Corbic, R.Radach PG-268 / S. White PG-269 / H. Ferguson, A. Sanford PG-270 / T. M. Lehtimäki, H. Koesling, R. G. Reilly PG-271 / S.P. Liversedge, S.J. White, B.J. Juhasz, J.M. Findlay, K. Rayner PG-272 / S. McDonald PG-273

11:30

Properties of prediction in oculomotor control		Visual Art and Eye Movements	
Chair: K.C. Erkelens	120	Chair: B. Kersten	201
C.J. Erkelens Direction-specific properties of predictive smooth pursuit	WJ-56	B. Kersten & D. Stricker Looking without seeing in works of Paul Klee	12:00 WK-60
G. Barnes & C. Jarrett The importance of expectation in the ability to control the speed, timing and direction of anticipatory [...]	WJ-57	K. Koga Unusual non-conjugate eye positions in Kabuki play and Ukiyoe wood prints	12:20 WK-61
M. Shelhamer Statistics and modeling of the timing of predictive saccades	WJ-58	R. Müri Art, aesthetics, and eye movements – a historical approach.	12:40 WK-62
M. Missal, C. de Hemptinne & P. Lefèvre A representation of cognitive expectation in the supplementary eye [...]	WJ-59	B. W. Tatler & N. J. Wade The art of eye movements: inspecting initially unseen objects	13:00 WK-63
		J. Zanker Eye movements and Op Art: How eye movements can generate motion illusions in Op Art paintings	13:20 WK-64
		Ch. Scheier Processing of visual art: Insights through AttentionTracking	13:40 WK-65

14:00	Lunch break
16:00	Semir Zeki (University College London, UK) IE-5 Ambiguity in Art and the Brain Zentrum Paul Klee: Auditorium
17:00	Paul Klee and the new "Zentrum Paul Klee" in Bern Zentrum Paul Klee: Auditorium
17:30	Guided tour through the Zentrum Paul Klee Zentrum Paul Klee
18:30	Drinks and snacks
19:00	Banquet (optional, separate booking required) Zentrum Paul Klee: Forum
23:00	

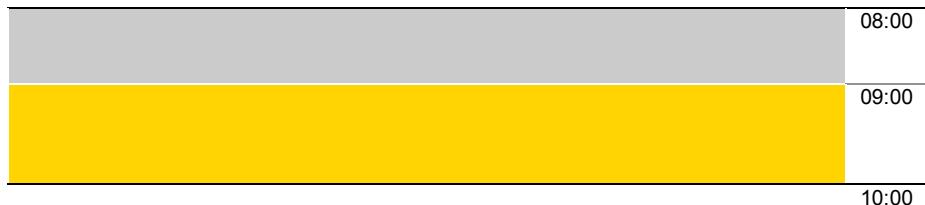
Time table: Public transportation

08:00	Registration
09:00	110 Helmut T. Zwahlen (Ohio University Athens OH) IF-6 Driver Visual Information Acquisition
10:00	Coffee / Tea break

Memory Chair: <i>W. Perrig</i>		Inferential processes in reading Chair: <i>F. Ferreira</i>
		201 220
10:30	A. von Mühlenen & T. Geyer The role of memory and eye movements in static and dynamic visual search TN-142	P. Knoeferle & M. W. Crocker Incremental picture-sentence integration: Tracking eye-movements in scenes and sentences TO-148
10:50	C. Körner & I.D. Gilchrist Searching again: a saccade based task to investigate memory in visual search TN-143	L. Sichelschmidt & A. Walberer How to make sad people happy: Emotional inferences in text processing TO-149
11:10	A. Tarnowski Can increasing memory workload decrease reaction times? Sternbergs law inverted in saccadic reaction times TN-144	R. Bertram, J. Hyönä & A. Pollatsek Predictability within a word: Evidence from Finnish compounds TO-150
11:30	P. Knox & N. Bruno The effect of the Müller-Lyer (ML) illusion on reflexive and memory guided saccades TN-145	J. Ashby, Rebecca Treiman, Brett Kessler & Keith Rayner How are vowels processed during silent reading? TO-151
11:50	K. Verfaillie & F. Germeyns Pre-attentive representations in transsaccadic object perception TN-146	R. G. de Almeida, J. Di Nardo & M. W. von Grunau Understanding sentences in dynamic scenes: assessing the [...] TO-152
12:10	M. Collett & H. Deubel Using saccadic gain adaptation to study double-step saccades TN-147	F. Huettig & J. McQueen Integrating language and vision: The time-course of the mapping of lexical representations onto [...] TO-153

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End of the conference



Formal models of eye fixation behaviour Chair: <i>W. F. Bischof</i>	Eye movements in fitting the task to man Chair: <i>M. Menozzi</i>	
M. Ferraro & G. Boccignone Modelling eye-movement control via a constrained search approach WL-66	C. Lange & H. Bubb The development and usage of Dikablis (Digital wireless gaze tracking system) WM-71	10:30
W. F. Bischof, E. Birmingham & A. Kingstone Modeling the influence of top-down mechanisms on fixation behavior WL-67	A. S. Cohen, M. Menn & N. Studer Eye movement behavior analysis and detection of information when driving in the Gotthard tunnel and [...] WM-72	10:50
R. Engbert, A. Nuthmann, E. Richter & R. Kliegl SWIFT: A dynamical model of saccade generation during reading WL-68	S. Hubalek & Ch. Schierz Light and eye movement at workstations WM-73	11:10
C. Paladini, M. Holschneider, R. Kliegl & R. Engbert The continuous wavelet analysis as a tool to investigate fixational [...] WL-69	F. Mast, N. Newby, T. Jarchow & L. Young Orientation illusions and eye movements during high-speed artificial [...] WM-74	11:30
R. Groner & M. T. Groner Stochastic latency mechanisms for modelling gaze durations WL-70	N. Takahashi, M. Menozzi & E. Bergande Horizontal and vertical reading in Japanese WM-75	11:50
		12:10

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12:30

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