

Time

Day 1: October 4th



07:00 - 10:00	Reception
08:30 - 08:45	Opening Remark: General Co-Chairs Andreas Dengel and Koichi Kise
08:45 - 09:30	Keynote 1: Reinhold Kliegl. Dynamic Modulation of the Perceptual Span in Reading: Effects on Fixation Locations and Durations
09:30 - 10:00	Break

10:00 - 11:00 Session 1: Reading and Document Analysis	
10:00 - 10:15 S1-1	Sebastian Korinth and Christian Fiebach. Eye-Tracker Based Reading Training: Individual Feedback on Eye Movements Improves Silent Reading Performance
10:15 - 10:30 S1-2	Koichi Koyasu, Yuta Kabayama, Anna Yokokubo and Guillaume Lopez. Effect verification of teaching animation for improving the quality of reading in Storytelling
10:30 - 10:45 S1-3	Sergi Garcia, Ali Furkan Biten and Dimosthenis Karatzas. "Reading" Images: An eye-movement analysis of the process of producing natural language descriptions for images
10:45 - 11:00 S1-4	Akiko Aizawa, Takeshi Sagara, Goran Topic and Kenichi Iwatsuki. Bridging the Gap between Layout, Logical, and Semantic Structures of Documents

11:00 - 12:00 Session 2: Cognitive Processes in Learning	
11:00 - 11:15 S2-1	Yuji Uema. Pilot Study: Estimation of Concentration during Learning Activity
11:15 - 11:30 S2-2	Benjamin Tag and Kai Kunze. Unobtrusive Identification of Cognitive States for Improved Learning Performance
11:30 - 11:45 S2-3	Olivier Augereau and Koichi Kise. Towards experience supplements for education
11:45 - 12:00 S2-4	Nicolas Großmann, Iuliia Brishtel, Shoya Ishimaru, Andreas Dengel, Carina Heisel, Pascal Klein and Jochen Kuhn: iQL - Immersive Quantified Learning Lab

12:00 - 13:00	Lunch-Break
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13:00 - 15:00 Invited Talks: Workshop on Visual Processes in Reading	
13:00 - 13:15	Thomas Lachmann: An Introduction on Visual Processes in Reading + Session Chair
13:15 - 13:50 IS-1	Ralph Radach, Christian Vorstius and Chris Lonigan. The development of eye movement control in reading
13:50 - 14:25 IS-2	Manuel Perea, María Fernández-López and Ana Marcet. Can colors help reading text?
14:25 - 15:00 IS-3	Timothy Slattery and Adam Parker. Return-sweep saccades during reading: Undersweep fixations and preview benefit

15:00 - 15:15	Break and Refreshments
15:15 - 16:15	Bus ride to the Winestreet
16:15 - 18:00	Wine tasting
18:00 - 20:00	Banquet Dinner
20:00 - 21:30	Bus ride back to Kaiserslautern with Stops close to Hotels & DFKI

Time

Day 2: October 5th



07:00 - 09:00	Reception	
08:30 - 09:15	Keynote 2: Susana Martinez-Conde. From fixation to exploration: Towards an integrative view of oculomotor function	
09:15 - 11:30	Poster Presentations with parallel coffee break	
09:15 - 11:30	P-1	Helena Muñoz, Fernando Vilariño and Dimosthenis Karatzas. Eye-Movements during information extraction from administrative documents
09:15 - 11:30	P-2	Masayuki Asahara. Between Reading Time and Zero Exophora in Japanese
09:15 - 11:30	P-3	Jumpei Kobayashi, Eiji Shinbori and Toshio Kawashima. Readability Improvement of Japanese Electronic Text with Phrased Segmentation Layouts
09:15 - 11:30	P-4	Benjamin Kiessling, Daniel Kinitz, Christoph Gümmer and Parivash Mashhadi. Script and Emphasis Detection using Recurrent Neural Networks
09:15 - 11:30	P-5	Kazuhisa Seta, Ryo Ogino and Yuki Hayashi. Prompting Metacognitive Knowledge Acquisition Based on Eye-movements Information to One's Research Meeting Report
09:15 - 11:30	P-6	Aleksandar Bulajic, Anthony Olanrewaju Akinbodunse, Steffen Theobald and Thomas Lachmann. Lost in Space: The Effect of Increased Interletter Spacing on Word Recognition within Foveal Visual Range
09:15 - 11:30	P-7	Tomoko Kojiri and Kouta Nishimura. Reading Support System of Based on Hierarchical Contents Map
09:15 - 11:30	P-8	Yuki Hayashi, Kazuhisa Seta and Mitsuru Ikeda. Eye-Sizhi: Gaze-aware Training and Analysis Environment for Metacognitive Skills in Belief Conflict Resolution Tasks
09:15 - 11:30	P-9	Jayasankar Santhosh, Shoya Ishimaru and Andreas Dengel. Estimating Fixation Durations for Each Word in Documents towards Readability Measurement
09:15 - 11:30	P-10	Anthony Akinbodunse, John Gamboa, Leigh Fernandez and Shanley Allen. Cross-linguistic Influence on the Processing of Nominal Compounds in English
09:15 - 11:30	P-11	Ricarda Bothe, Kristina Kolesova, Shanley Allen and Leigh Fernandez. Perceptual span during L2 reading of English and the influence of L1 reading direction: The case of Urdu and Hindi
09:15 - 11:30	P-12	Andreas Schmitt and Lachmann Thomas. Target selection determines target detection: Letters elicit specific processing strategies in character-strings
09:15 - 11:30	P-13	Makoto Shishido and Kamal Baha. Eye Tracking for Supplementing Readability and Word Level Checkers to Measure the Difficulties in Reading
09:15 - 11:30	P-14	Masaki Shuzo, Motoki Sakai and Eisaku Maeda. Introduction of Sensing System in TDU Living Laboratory (title will be adapted!)
09:15 - 11:30	P-15	Teiko Arai. Complexities of Text from the Points of View of the Characteristics of Concept Description. Quantitative Analysis of Linguistic Features of Primary School and Junior High school Textbooks
09:15 - 11:30	P-16	Olivier Augereau, Journet Nicholas, Clément Jacquet and Koichi Kise. Vocabulometer: a smart text and video recommendation system for learning language
09:15 - 11:30	P-17	Laura Marzen, Kirstin Bergström, Maria Klatte and Thomas Lachmann. Effectiveness of the computer-based training program Lautarium on phonological Awareness, Reading and Spelling Abilities in German primary-school children
09:15 - 11:30	P-18	Yuya Ohbayashi, Shoya Ishimaru, Andreas Dengel and Koichi Kise. Investigating Gaze and Physiological Features to Estimate Comprehension on E-learning Video Lectures
09:15 - 11:30	P-19	Timothy Slattery and Julie Kirkby. Inter-letter and inter-word spacing effects in reading: Eye movement comparisons of skilled and dyslexic readers.
11:30 - 12:30	Session 3: Developmental Dyslexia and Language	
11:30 - 11:45	S3-1	Eisaku Maeda and Noriko Arai. RST ("Reading Skill Test" to Diagnose Basic Language Skills
11:45 - 12:00	S3-2	Xinru Zhu, Shohei Yamada and Kyo Kageura. Evaluation of the Readability and Legibility of a Set of Newly Created Japanese Typefaces Designed for Readers with Dyslexia
12:00 - 12:15	S3-3	Mirela Duranovic, Senka Smajlagic and Branka Babic-Gavric. Influence of increased letter spacing and font type on the reading ability of dyslexic children
12:15 - 12:30	S3-4	Michael Artur Skeide. Neurobiological Origins of Developmental Dyslexia
12:30 - 13:30	Lunch-Break	
13:30 - 14:15	Session 4: Experimental Psychology	
13:30 - 13:45	S4-1	Frouke Hermens. Eye movements during sentence comparison
13:45 - 14:00	S4-2	Gunnar Jacob and Helen Engemann. Children cutting words into pieces - Morpho-orthographic decomposition of complex words in beginning readers
14:00 - 14:15	S4-3	Anne Friede, Albrecht Inhoff, Christian Vorstius and Ralph Radach. Visuomotor strategies for re-reading and regressive saccades in sentence reading
14:15 - 16:00	Guided Tour to DFKI Labs - with parallel coffee break	
	Three groups will rotate through repeated presentations:	
14:15 - 16:00	Immersive Quantified Learning (IQL) Lab	
14:15 - 16:00	SmartFactory-KL	
14:15 - 16:00	Smart Textiles	
16:05 - 16:30	Closing Event: Summarizing & Feedback	