09:30	**Registratie**	Charley Smeets
10:00	**Welcome**	Tom de Smet
	Keynote	Arnold Smeulders
11:00	**PAUSE**	
11:30	**Digital Humanities**	Marijn Koolen (chair)
	Archaeological Entity Recognition for Information Retrieval in Dutch Archaeological reports	Alex Brandsen, Suzan Verberne
	Riches of the Poor: Using Crummy Entity Linkers for Interactive Search in Digital Humanities	Alex Olieman, Kaspar Beelen, Milan van Lange, Jaap Kamps and Maarten Marx
	Words are Malleable: Computing Semantic Shifts in Political and Media Discourse	Hosein Azarbonyad, Mostafa Dehghani, Kaspar Beelen, Alexandra Arkut, Maarten Marx and Jaap Kamps
12:15	**Demos & Prototypes**	
	MediaSuite: Scholarly Research Environment for Multimedia Archives	Roeland Ordelman, Jaap Blom, Willem Melder, Johannes Wassenaar, Eduardo Silva Navarette, Eva Baaren, Carlos Martinez Ortiz, Liliana Melgar, Julia Noordegraaf
	Federated Search with Searsia	Djoerd Hiemstra and Dolf Trieschnigg
	SPEX Environment for Real-time Cross-Media Recommendation	Roeland Ordelman and Michiel Hildebrand
12:45	**LUNCH + DEMOS**	
13:45	**Search**	Djoerd Hiemstra (chair)
	Research Challenges in Search as Learning	Claudia Hauff, Kevyn Collins-Thompson and Preben Hansen
	Searching the Enterprise	Udo Kruschwitz, Charlie Hull
	Dynamic Search in Specialized Domains	Felipe Moraes, Rodrygo L. T. Santos and Nivio Ziviani
14:30	**Industry**	
	Beyond Movie Recommendations: Solving the Continuous Cold Start Problem in E-commerce Recommendations	Julia Kiseleva
	Leading People to Longer Queries in Site Search	Djoerd Hiemstra, Claudia Hauff and Leif Azzopardi
14:50	**PAUSE**	
15:15	**Algorithms and Analysis**	Dolf Trieschnigg (chair)
	Neural Ranking Models with Weak Supervision	Mostafa Dehghani, Hamed Zamani, Aliaksei Severyn, Jaap Kamps and W. Bruce Croft
	Modeling Label Ambiguity for Neural List-wise Learning to Rank	Rolf Jagerman, Julia Kiseleva and Maarten de Rijke
	Generating Descriptions of Entity Relationships	Nikos Voskarides, Edgar Meij, Maarten de Rijke
	Ontology-based Aspect Detection for Sentiment Analysis	Kim Schouten, Flavius Frasincar and Franciska de Jong
	Sequences of Diverse Song Recommendations	Nava Tintarev, Christoph Lofi and Cynthia C. S. Liem
16:30	**Panel**	
17:00	**Drinks**	