

Keynote - Karen Spärck
Jones Award 2023
(9:00 - 10:00 AM)

Goldsmith 1& 2

Large Language Models for Question
Answering: Challenges and
Opportunities

William Yang Wang (University of
California, Santa Barbara)

Coffee (10:00AM - 10:30AM)

IR & NLP
(10:30 AM - 12:00 PM) -
Chair: Liana Ermakova

Goldsmith 1& 2

An Interpretable Knowledge
Representation Framework for Natural
Language Processing with
Cross-Domain Application

Bimal Bhattarai, Ole-Christoffer Granmo
and Lei Jiao

CoLISA: Inner Interaction via
Contrastive Learning for Multi-Choice
Reading Comprehension

Mengxing Dong, Bowei Zou, Yanling Li
and Yu Hong

Feature Differentiation and Fusion for
Semantic Text Matching

Rui Peng, Yu Hong, Zhiling Jin, Jianmin Yao
and Guodong Zhou

Temporal Natural Language Inference:
Evidence-based Evaluation of
Temporal Text Validity

Taishi Hosokawa, Adam Jatowt and
Kazunari Sugiyama

Topics in Contextualised Attention
Embeddings

Mozhgan Talebpour, Alba Garcia Seco de
Herrera and Shoaib Jameel

Lunch (12:00PM - 12:30PM)

Evaluation
(1:00 - 1:430 PM) -
Chair: Harrie Oosterhuis

Goldsmith 1& 2

Bootstrapped nDCG Estimation in the
Presence of Unjudged Documents

Maik Fröbe, Lukas Gienapp, Martin
Potthast and Matthias Hagen

Listwise Explanations for Ranking
Models using Multiple Explainers

Lijun Lyu and Avishek Anand

New Metrics to Encourage Innovation
and Diversity in Information Retrieval
Approaches

Mehmet Deniz Türkmen, Matthew Lease
and Mucahid Kutlu

Shallow Pooling for Sparse Labels (IRJ)
Theoretical Analysis on the Efficiency
of Interleaved Comparisons

Negar Arabzadeh, Alexandra Vtyurina,
Xinyi Yan, and Charles L. A. Clarke
Kojiro Iizuka, Hajime Morita and Makoto P.
Kato

Coffee (14:30PM - 15:00PM)

User Aspects 2
(3:00 - 4:30 PM) -
Chair: Arjen P. de Vries

Goldsmith 1& 2

Contrastive Graph Learning with
Positional Representation for
Recommendation

Zixuan Yi, Craig Macdonald and Iadh
Ounis

Fragmented Visual Attention in Web
Browsing: Weibull Analysis of Item Visit
Times

Aini Putkonen, Aurélien Nioche, Markku
Laine, Crista Kuuramo and Antti Oulasvirta

Investigating Conversational Agent
Action in Legal Case Retrieval

Bulou Liu, Yiran Hu, Yueyue Wu, Yiqun Liu,
Fan Zhang, Chenliang Li, Min Zhang,
Shaoping Ma and Weixing Shen

It's Just a Matter of Time: Detecting
Depression with Time-Enriched
Multimodal Transformers

Ana-Maria Bucur, Adrian Cosma, Paolo
Rosso and Liviu P. Dinu

User Requirement Analysis for a
Recommender System-Based Meeting
Assistant

Benoît Alcaraz, Nina Hosseini-Kivanani,
Amro Najjar and Kerstin Bongard-Blanchy

Poster Session 2
(4:30 - 6:00 PM) -
Chair: Maria Maistro

Goldsmith 3

Trigger or not Trigger: Dynamic Thresholding for Few Shot Event Detection	Aboubacar Tuo, Romaric Besançon, Olivier Ferret and Julien Tourille
Colbert-FairPRF: Towards Fair Pseudo-Relevance Feedback in Dense Retrieval	Thomas Jaenich, Graham Mcdonald and Iadh Ounis
Where a Little Change Makes a Big Difference - A Preliminary Exploration of Children's Queries	Maria Soledad Pera, Emiliana Murgia, Monica Landoni, Theo Huibers and Mohammad Aliannejadi
Investigating the Impact of Query Representation on Medical Information Retrieval	Georgios Peikos, Daria Alexander, Arjen P. de Vries and Gabriella Pasi
A Study on FGSM Adversarial Training for Neural Retrieval	Simon Lupart and Stephane Clinchant
MOO-CMDS+NER: Named Entity Recognition-based Extractive Comment-oriented Multi-document Summarization	Vishal Singh Roha, Naveen Saini, Sriparna Saha and Jose Guillermo Moreno
Justifying Multi-Label Text Classifications for Healthcare Applications	João Figueira, Gonçalo Correia, Michalina Strzyz and Afonso Mendes
Exploring Fake News Detection with Heterogeneous Social Media Context Graphs	Gregor Donabauer and Udo Kruschwitz
Don't Raise Your Voice, Improve Your Argument: Learning to Retrieve Convincing Arguments	Sara Salamat, Negar Arabzadeh, Amin Bigdeli, Shirin Seyedsalehi, Morteza Zihayat and Ebrahim Bagheri
Investigating Conversational Search Behavior For Domain Exploration	Phillip Schneider, Anum Afzal, Juraj Vladika, Daniel Braun and Florian Matthes
De-Biasing Relevance Judgements for Fair Ranking	Amin Bigdeli, Negar Arabzadeh, Shirin Seyedsalehi, Bhaskar Mitra, Morteza Zihayat and Ebrahim Bagheri
Topic Refinement in Multi-Level Hate Speech Detection	Tom Bourgeade, Patricia Chiril, Farah Benamara and Véronique Moriceau

Demo Session 2 (4:30 - 6:00 PM) - Chair: Litng Zhou

Swift Suite

InfEval: Application for Object Detection Analysis	Kirill Bogomasov, Tim Geuer and Stefan Conrad
Enticing local governments to produce FAIR freedom of information act dossiers	Maik Larooij, Filipp Peresadilo, Jaap Kamps and Maarten Marx
SOPalign: A Tool for Automatic Estimation of Compliance with Medical Guidelines	Luke van Leijenhurst, Arjen de Vries, Thera Habben Jansen and Heiman Wertheim
The System for Efficient Indexing and Search in the Large Archives of Scanned Historical Documents	Martin Bulín, Jan Švec and Pavel Ircing
Uptrendz: API-Centric Real-time Recommendations in Multi-Domain Settings	Emanuel Lacic, Tomislav Duricic, Leon Fadljevic, Dieter Theiler and Dominik Kowald
Automated Extraction of Fine-Grained Standardized Product Information from Unstructured Multilingual Web Data	Alexander Flick, Sebastian Jäger, Ivana Trajanovska and Felix Biessmann
TweetStream2Story: Narrative Extraction from Tweets in Real Time	Mafalda Castro, Alípio Jorge and Ricardo Campos
SimpleRad: patient-friendly Dutch radiology reports	Koen Dercksen, Arjen de Vries and Bram van Ginneken
FACADE: Fake Articles Classification And Decision Explanation	Erasmus Purificato, Saijal Shahania, Marcus Thiel and Ernesto William De Luca
PsyProf: A Platform for Assisted Screening of Depression in Social Media	Anxo Pérez, Paloma Piot-Pérez-Abadín, Javier Parapar and Álvaro Barreiro