

# SEPTEMBER 5, 2024

14:00 - 14:15

## Opening

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14:15 - 16:00

## Session 1: Enhanced Retrieval Models

Chair: Ludovico Boratto

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A New Fair and Effective LambdaMART

*Federico Marcuzzi, Claudio Lucchese, Salvatore Orlando*

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Attention is not Always All you Need for Ranking Documents

*Francesco Busolin, Salvatore Orlando, Franco Maria Nardini, Raffaele Perego, Salvatore Trani, Alberto Veneri*

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Seismic: Efficient and Effective Retrieval over Learned Sparse Representation

*Sebastian Bruch, Cosimo Rulli, Franco Maria Nardini, Rossano Venturini*

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Early Exit Strategies for Approximate k-NN Search in Dense Retrieval

*Francesco Busolin, Salvatore Orlando, Claudio Lucchese, Franco Maria Nardini, Raffaele Perego, Salvatore Trani*

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A Quantum Annealing-Based Instance Selection Approach for Transformer Fine-Tuning

*Andrea Pasin, Washington Cunha, Marcos Goncalves, Nicola Ferro*

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Incorporating Cognitive Complexity of Text in Dense Retrieval for Personalized Search

*Effrosyni Sokli, Alessandro Raganato, Gabriella Pasi*

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Turning on a DIME: Estimating Dimension Importance for Dense Information Retrieval

*Guglielmo Faggioli, Nicola Ferro, Raffaele Perego, Nicola Tonello*

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16:00 - 16:30

## Coffee Break

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16:30 - 17:15

## Invited Talk: Asia J. Biega

Chair: Nicola Tonello

Data Protection in Data-Driven IR Systems

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17:15 - 18:00

## Session 2: Personalized Information Systems

Chair: Giorgio Maria di Nunzio

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SE-PQA: StackExchange Personalized Community Question Answering

*Pranav Kasela, Marco Braga, Gabriella Pasi, Raffaele Perego*

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Leveraging Semantic Embeddings of User Reviews with Off-the-Shelf LLMs for Recommender Systems

*Nicola Cecere, Andrea Pisani, Maurizio Ferrari Dacrema, Paolo Cremonesi*

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Leveraging Topic Specificity and Social Relationships for Expert Finding in Community Question Answering Platforms

*Maddalena Amendola, Raffaele Perego, Andrea Passarella*

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20:00

## Social Dinner

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