

The 13th International Workshop on News Recommendation and Analytics (INRA 2025)

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Abstract

Recommender systems play a central role in today's digital news ecosystem, helping users navigate the overwhelming volume of information with personalized and context-aware suggestions. Ensuring trustworthy, fair, and diverse recommendations, while addressing issues such as misinformation, filter bubbles, privacy, and ethics, remains a pressing concern. The 13th edition of the INRA workshop gathers researchers, practitioners, and stakeholders to explore these technical, societal, and ethical dimensions of news recommendation.

1. Motivation and Background

The news ecosystem has undergone significant transformations during the past decade. Faced with an overwhelming volume of daily content, personalized and context-aware recommendations have become indispensable for helping users navigate information and for shaping readers' worldviews. Recently, the rise of generative AI has transformed the industry by enabling automated text and visual content creation, multi-modal content processing, retrieval-augmented recommendation, and conversational interfaces. Despite these advances, important challenges remain while new ones appear: ensuring trustworthiness, preventing the spread of fake news, avoiding the creation of filter bubbles, navigating the complexities of privacy regulations, answering ethical considerations..

These challenges motivate the organization of the International Workshop on News Recommendation and Analytics, an annual workshop that brings together researchers, practitioners, and other stakeholders to exchange ideas, share recent advances, and reflect on the next generation of news recommender systems. This 13th edition is held in Prague, Czech Republic, co-located with the ACM Conference on Recommender Systems.

2. Accepted Contributions

The call for participation motivated researchers to submit their findings in the form of regular or short papers, including demo and idea papers. Seventeen submissions were received. A thorough peer-review allowed to accept 10 submissions for presentation at the workshop, including 5 regular papers and 5 short papers (3 short papers, 2 demo papers, 1 idea paper).

1. More of the Same? A Longitudinal Evaluation of Two Similarity-based Approaches in a News Recommender System by Gloria Anne Babile Kasangu, Alain D. Starke, and Christoph Trattner
2. News, With a Twist: Using Contrastive Learning to Improve User Embeddings for Diverse News Recommendations by Zijie Tang and Manel Slokom

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3. Leveraging Media Frames to Improve Normative Diversity in News Recommendations *by Sourabh Dattawad, Agnese Daffara, and Tanise Ceron*
4. Using Large Language Models to ‘Lighten the Mood’: Satirically Reframing News Recommendations to Reduce News Avoidance *by Tobias Jovall Wessel, Christoph Trattner, and Alain D. Starke*
5. Hope, Fear, or Anger? How Emotional Framing in a News Recommender System Guides User Preferences *by Jørgen Eknes-Riple, Jia-Hua Jeng, Alain D. Starke, Khadiga Seddik, and Christoph Trattner*
6. Segment-Aware Analytics for Real-Time Editorial Support in Media Groups *by Martin Spišák, Rodrigo Alves, Thomas Kelleher, Jason Sheppard, Ondřej Fiedler, Ergys Kosovrasti, Vojtěch Vančura, Petr Kasalický, and Pavel Kordík*
7. News Recommendation with Category Description by a Large Language Model *by Yuki Yada and Hayato Yaman*
8. Clickbait mitigation in industrial recommender system *by Václav Blahut, Karel Koupil, Michal Chudoba, and Radek Tomšů*
9. Evaluating Image Trust Labels in a News Recommender System *by Svenja Lys Forstner, Yelyzaveta Lysova, Alain Starke, and Christoph Trattner*
10. Towards Multi-Aspect Diversification of News Recommendations Using Neuro-Symbolic AI for Individual and Societal Benefit *by Markus Reiter-Haas and Elisabeth Lex*

3. Program Committee

We recruited a set of experts to assure the quality of the accepted papers. We would like to thank:

- Geoffray Bonnin, Université de Lorraine - LORIA
- Tanise Ceron, University of Stuttgart
- Goran Glavaš, CAIDAS - University of Würzburg
- Lucien Heitz, University of Zurich
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- Chahrazed Labba, Université de Lorraine - LORIA
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- Sanne Vrijenhoek, Universiteit van Amsterdam
- Andreea Iana, University of Mannheim
- Céline Treuillier, Human-IST Institute, University of Fribourg
- Vandana Yadav, Norwegian University of Science and Technology
- Benjamin Kille, Norwegian University of Science and Technology
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