Preface to the SIGIR 2025 Workshop on eCommerce

This proceedings contains the accepted papers of the SIGIR 2025 Workshop on eCommerce (ECOM25), a full day workshop that took place on Thursday, July 17, 2025 in Padua, Italy. The workshop was held in conjunction with SIGIR 2025. The purpose of the workshop was to serve as a platform for publication and discussion of Information Retrieval and NLP research and their applications in the domain of eCommerce.

eCommerce Information Retrieval has received little attention in the academic literature, yet it is an essential component of some of the largest web sites (such as eBay, Amazon, Airbnb, Alibaba, Taobao, Target, The Home Depot, and others). The SIGIR 2025 Workshop on eCommerce (ECOM25) brought together researchers and practitioners of eCommerce IR to discuss topics unique to it and to set a research agenda going forward. Our primary motivation as organizers of this workshop was to create a community and act as a forum to discuss interesting research ideas and challenges in the eCommerce domain. The workshop drew contributions from both industry as well as academia, in total the workshop received 28 submissions, and accepted 19 papers. The submissions were reviewed by an international program committee of high repute experts in the field, formed from representatives of several eCommerce companies and academic institutions. Each submission was reviewed by at least three reviewers. We would like to thank everyone who submitted a paper to the workshop.

In addition to presentation of the accepted submissions, the workshop had two keynotes by invited speakers from the field (Chengxiang Zhai (University of Illinois at Urbana-Champaign) and Rikiya Takehi (Waseda University); Emine Yilmaz (University College London)), a panel discussion on "From Research to Product in eCommerce", a poster session, lunch-time themed table discussions, and small-group break-out sessions with reports to the larger group.

We would like to thank the Program Committee members of the workshop for the their participation and reviewing efforts. We would like to thank SIGIR for hosting us. We extend our sincere gratitude to all the authors, presenters, and invited speakers for their contributions to the material and productive discussions that formed an outstanding workshop.

Aditya Chichani (Walmart)
Pallavi Gudipati (Upwork)
Yubin Kim (Vody Inc.)
Tracy Holloway King (Adobe Inc.)
Andrew Trotman (University of Otago)