WebMedia

30º Simpósio Brasileiro de Sistemas Multimídia e Web 2024

Proceedings of the 30th Brazilian Symposium on Multimedia and the Web

October 14-18, 2024

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October 14 to 18, 2024

Juiz de Fora, Brazil

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General Chairs' Welcome

It is with great pleasure that we present the proceedings of the 30th Brazilian Symposium on Multimedia and the Web — WebMedia'24, held from October 14th to 18th, 2024, in Juiz de Fora, MG, Brazil. This scientific event, organized annually by the Brazilian Computer Society (SBC) through the Special Committee on Multimedia and the Web (CE-WebMedia), has established itself since 1995 as the premier forum for discussions among researchers and professionals in the fields of multimedia, hypermedia, and the Web in Brazil. The 2024 edition is particularly special as it marks the 30th anniversary, a milestone we celebrate with tributes and a commemorative book featuring highlights from each of the previous editions.

The organization of WebMedia'24 is led by the Universidade Federal de Juiz de Fora (UFJF). Since its inception, the symposium's central feature has been its Technical Program, which includes high-quality full and short papers presented in the Main Track, as well as a series of co-located events.

One of the most exciting aspects of the program is the invited keynote talks, featuring exceptional academic and industry speakers, alongside live panels that discuss state-of-the-art developments, new trends, and challenges in the Web and multimedia domains.

The WebMedia'24 program also includes the Workshop on Tools and Applications (WFA), which features technical sessions and practical demonstrations, allowing authors to present their tools and applications. The Future of Interactive Digital TV Workshop (WTVDI) focuses on the evolution of broadcasting services to enhance multimedia content consumption. The new Workshop on Systematic Literature Reviews in Multimedia Systems and the Web (WRSL+) invites researchers and professionals to submit literature reviews that employ systematic and reproducible methodologies. Another addition this year is the transformation of the WebMedia For Everyone (W4E) panel into a workshop, encouraging the submission of articles on extension projects that align with WebMedia's topics of interest. W4E continues to include panels specifically dedicated to discussions on diversity. The Luiz Fernando Computing Award, honoring Professor Luiz Fernando Gomes Soares, recognizes the best works of the event across all tracks and workshops, with a focus on social impact and contributions to societal improvement.

Additionally, the event includes the Undergraduate Research Contest (CTIC) and the prestigious Thesis and Dissertation Contest (CTD) for postgraduate research. Finally, Short Courses and Tutorials offer participants opportunities to update their knowledge, reinforcing the event's relevance to both academia and industry.

We hope you find this program exciting and thought-provoking, and that WebMedia'24 provides you with a valuable opportunity to share ideas and connect with other researchers and industry leaders.

Marcelo Ferreira Moreno (UFJF, Brazil)
Carlos Pernisa Júnior (UFJF, Brazil)
WebMedia'24 General Chairs

Message from Technical Program Chairs

We are delighted to introduce the Technical Program of the 30th Brazilian Symposium on Multimedia and the Web – WebMedia'24. You will find an interesting and diversified program that showcases the state-of-the-art in this field and aggregates many members of our research community.

As in previous editions of WebMedia, all papers have been submitted to the main track considering two modalities: Full Papers (8 pages) and Short Papers (4 pages). The WebMedia'24 proceedings include 40 full papers, selected from 98 submissions, with acceptance rate of 40,8%, and 12 short papers, selected from 31 submissions in this category, with acceptance rate of 38,7%. Each submission received at least three reviews from the program committee members in a double-blind review process. We are grateful to all the program committee members and external reviewers for their great effort and valuable time dedicated not only to reviewing papers but also to engaging in discussions to help us in the hard task of paper selection.

We would also like to thank all the authors who submitted papers to the 2024 edition of WebMedia. Their interest in the symposium and their research effort are valuable to keep our community active and up-to-date with the state-of-the-art in topics related to Multimedia and the Web. We congratulate those who had their papers accepted for publication and invite all authors to attend the symposium.

Our special thanks to the Brazilian Computer Society (SBC) for supporting the symposium.

We look forward to seeing you all in Juiz de Fora!

Débora C. Muchaluat Saade (UFF, Brazil)
Jorge Luis Victória Barbosa (UNISINOS, Brazil)
WebMedia'24 Technical Program Chairs

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