



The Impact of ChatGPT, Metaverse, and Social Media: Should Large Language Models and Recommender Systems be a Public Good?



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The rapidly evolving landscape of artificial intelligence, particularly in the realms of ChatGPT, the Metaverse, and social media platforms, is transforming the way people communicate, work, and interact with one another. These advancements are often driven by powerful large language models and recommender systems. As their impact on society continues to grow, an important question emerges: should these advanced tools be classified as public goods, accessible to all for the benefit of humanity?

AI has made significant advances, bringing both promises and threats to societies as we inch closer to the development of artificial general intelligence. It is crucial to acknowledge that humanity's first widespread encounter with AI, in the form of recommendation systems, has already led to a polarization of societies across the globe. This raises the question of how to regulate the underlying technology that shapes user experiences online and in virtual reality. Given our limited attention capacity and its impact on our wellbeing, one proposal is to declare recommender systems as public goods and algorithmically regulate them to provide balanced, individualized content across multiple dimensions, including topics, attitudes, emotional intensity, and emotional valence. This approach will help address the wider impact of artificial intelligence and guide future research directions in creating a more harmonious and inclusive digital landscape.

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14:00-15:00 CET

Room 7.03 and via Zoom

Währinger Straße 29, 1090 Vienna

If you are interested in joining online via Zoom, please register with Mario Freyer (mario.freyer@univie.ac.at).