

# Proceedings Web3D 2021

**26<sup>th</sup> ACM International Conference  
on 3D Web Technology**

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## Preface

The goal of Web3D 2021 is to share innovative and creative ideas about web-based interactive 3D applications. This year's theme is "A Shared 3D Workspace" to emphasize the increasingly global scope and the wide impact of working together online, which has been the staple of the last year. The sudden switch to remote teaching/working/socializing raised many urgent requests for new tools, systems, and paradigms. These new needs also touched the 3D world, prompting the Web3D community to foster and support the increasing development and use of 3D content in a shared online environment. This year to furtherly highlight the exacerbated need of getting connected together, we expanded the traditional Web3D conference to different tracks. We now have a brand new cultural heritage (CH) track, where CH experts and scholars created and provided to the community novel means to virtually share and communicate their findings through the web even during uncertain and tough times as the ones we are living.

We continue to offer great and better tutorial courses and workshops to share knowledge, the key concepts, and topics of interest for our thriving community that has not been stopped by the pandemic: it has flourished greater than before. Last but not least, industrial sessions. They are here and crucial to expanding our community and reaching out to industrial partners, companies, and professionals.

As in the past, the organization of this event could not happen without the SIGGRAPH organization and the Web3D Consortium giving us the best tools to achieve a high-quality conference and connecting us to the top-notch professionals in the organization to make this possible. In terms of organization, this year has been a long run, where we got up early in the morning to meet for face-to-face meetings trying to achieve an enjoyable and top conference. That said, it has been a pleasure and an experience we would repeat without hesitation.

We believe that "a shared 3D workspace" is not only a catchy phrase but the beginning of a new thriving and exciting era where we will be part and looking forward to outstanding outcomes that will happen.

We greatly thank ACM SIGGRAPH, Khronos, and IVN for supporting Web3D 2021 and making it possible to have again a free conference to be enjoyed by a vast public to expand their horizon and to take home our message, our belief, our mantra: "a shared 3D workspace".