Architectural Acoustics Series

Immersive Realities

"Crafting virtual experiences using an interplay of audiovisual elements"

This seminar week explores the creation and exploration of immersive design. Immersive design describes a spectrum of user interaction, guiding us to become thoroughly engaged and absorbed within a particular spatial experience. In this seminar week, students will learn to design immersive spaces by skilfully selecting acoustic and visual elements that blend seamlessly. Students will learn how to design with game engines and simulate acoustic spaces to create unique atmospheres in virtual landscapes.

At the heart of our seminar week is the Immersive Design Lab, a space where imagination and technology meet. Here, we use the power of immersive acoustics and floor-to-ceiling projections to bring our virtual creations to life.

Parallel to learning how to design immersive spaces, students will also join two excursions in Zurich, one to experience acoustic spaces and one to enjoy a VR gaming experience. A lecture series of leading researchers and artists in the field of acoustic design and immersive design accompany the seminar week.

Join us for a week of new design creation!

10 - 16 Participants
Expense Category A
March 18 - 22
Location: Immersive Design Lab
Contact: Dr. Achilleas Xydis xydis@atch.ethz.ch

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