VNiVERSiDAD D SALAMANCA

Seminario

Interactive 3D graphics
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Recent progresses in interactive 3D graphics enable the creation of rich, high fidelity virtual worlds which can be used for entertainment, learning, collaboration, and visualisation of information, through a variety of devices, including mobile ones.

In this practical course, students will be introduced to the world of interactive 3D graphics, learning the basics of how it works (e.g., rendering cycle, scene graphs, geometry representation, illumination, textures) and how to create interactive 3D content using the ISO standard eXtensible 3D graphics (X3D) language.

X3D is a XML-based technology which integrates 3D graphics, 2D graphics, text, and multimedia into a coherent model, and combines them with scripting languages and network capabilities, allowing the creation of virtual worlds that can be experienced through the Web and integrate with various Web technologies, such as Ajax. The course, for reasons of time, will not cover the entire language, but provide a solid introduction to most of its parts.

Miércoles 23.09.09	Jueves 24.09.09	Viernes 25.09.09	Lunes 28.09.09
17:00-19:00	17:00-19:00	17:00-19:00	17:00-19:00

¡**ACCESO LIBRE**!   Lugar: **AULA SUN**