

Two times Technical Achievement Award winner is presenting at the DANSIS Seminar

Af Michael Bo Dragsdal Hansen, 4. maj 2011, Temamøder

The two times Technical Achievement Award by the Academy of Motion Picture Arts and Sciences winner Jos Stam is presenting at the DANSIS Seminar on May 18 at the campus of the Technical University of Denmark. The Danish Society for Industrial Fluid Dynamics (DANSIS) is holding a seminar on Accelerated Fluid Dynamics in Games, Movies and Industry and among the notable speakers Jos Stam is doing a talk on Fluid Dynamics for Film and Games, and his contribution to visual effects.

Jos Stam is a researcher in the field of computer graphics, focusing on subdivision surfaces, rendering algorithms and the simulation of natural physical phenomena.



Jos Stam

Jos Stam was born in the Netherlands and educated in Geneva, Switzerland. In 1989, Stam moved to Toronto where he completed his Masters and Ph.D. degrees in computer science. Stam is now employed with Autodesk as a Senior Research Scientist as part of Autodesk's acquisition of Alias in 2006. Stam's research spans several areas of computer graphics: natural phenomena, physics-based simulation, rendering and surface modeling, especially subdivision surfaces. He has published papers in all of these areas in journals and at conferences, most notably at the annual SIGGRAPH conference. In 2005 Stam was awarded one of the most prestigious awards in computer graphics: the SIGGRAPH Computer Graphics Achievement Award. Stam also won two Technical Achievement Awards from the Academy of Motion Picture Arts and Sciences: in 2005 for his work on Subdivision Surfaces and in 2007 for his work on fluid dynamics and has devised an algorithm that crafts digital smoke with startling realism and it was used in movies such as The Lord of the Rings and War of the Worlds. He was also among the first who implemented a Navier-Stoke solver on a GPU for simulation the propagation of smoke.

Profile of Jos Stam (external link) <http://www.autodeskresearch.com/people/jos>

Nyheder

11. nov. 2015, Graduate Prize
Winner of Dansis Graduate Award 2015

7. okt. 2015, Nyt
Information meeting on the new national wind tunnel

2. okt. 2015, Seminars
Seminar on Slurries and Emulsions fully booked

19. feb. 2015, Seminars
The Automotive Fluid Dynamics Seminar is opened for registration

25. sep. 2014, Seminars
Rewatch the presentations from "New Trend in CFD II"

12/11/2015

DANSIS - Dansk Selskab for Industriel Strømningsmekanik

[See the complete programme and register for the event "Accelerated Fluid Dynamics in Games, Movies and Industry"](#)

DANSIS - The Danish Society for Industrial Fluid Dynamics Email: dansis@dansis.dk