

U.K.

Bath

University of Bath

Media Technology Research Centre
Department of Computer Science
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🌐 www.bath.ac.uk/media/

Core Competence

Animation, virtual reality, data visualization, non photorealistic rendering, graphics and film technology



Head of the Institute
Phil Willis

History

Computer graphics activities started in 1979, initiated by Phil Willis, initially working on real-time display systems for flight simulators and for quadtree applications. Work expanded to include rendering and 3D animation, together with networked picture retrieval, anticipating the web. More recent work has concentrated on picture representation and manipulation in 2D, for animation and special effects and has also expanded with the arrival of new members of staff to include NPR, image processing and data visualization.

Staff

Dr David Duke (Data Visualisation)

Professor John Fitch (Music)

Dr Peter Hall (Non-Photorealistic Rendering and Image Processing)

Dr Martin Oliver (Image Processing)

Dr Claire Willis (Software Technology)

Professor Philip Willis (Graphics & Film Technology) (Director)



Rooms and Locations

We are a component of the Department of Computer Science.



Financing

Core staff are on the University of Bath payroll. All others are supported on research grants.

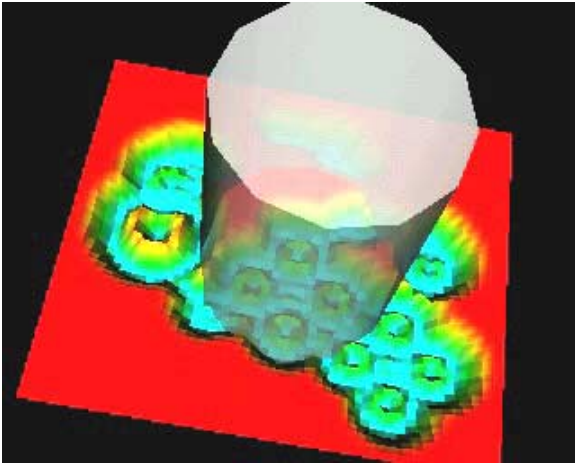
Current Structure and Important Partners

We work with colleagues in Mechanical Engineering and in the Centre for Advanced Studies in Architecture.

Current Research

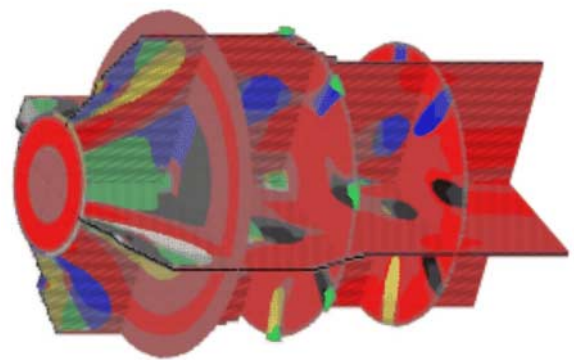
See web site.





Important Recent Project Participations

- “PAVR”, Platform for Animation and Virtual Reality (EU-TMR
- project, www.cs.bath.ac.uk/PAVR) Shrink to Fit
 Representing movies with vectors Quasi-3D
 Rendering for film, games, animation Comic
 Strip Rendering Real movies, cartoon style



Important Recent Industrial Partners

Cambridge Animation Systems, Imagination, Androme, Sirlol Productions

Future of the Lab

The Centre is part of a Department approved for rapid expansion and is actively seeking lecturing staff for open-ended posts. Expressions of interest from research-active people always welcome.

