



Biographical Sketch - Christopher D. Shaw

Christopher D. Shaw is Associate Professor in the School of Interactive Arts and Technology, Simon Fraser University Surrey, in British Columbia, Canada. Prior to joining SIAT in 2005, Shaw was a Senior Research Scientist at Georgia Tech's College of Computing from 2000-2005.

Shaw's research interests are in the area of Virtual Reality (VR) and highly-interactive 3D user interfaces for complex 3D phenomena. Applications of this technology include free-form surface design, published at SIGGRAPH 2003, and Visualization of complex 3D phenomena. Shaw is also interested in interactive systems for visualization and analysis of biological data. His IMAS system is a zoomable visualization system for the analysis and annotation of DNA sequences. It was used at the CDC to analyze genomic sequences of the various Rickettsia microbes. Most recently, Shaw has been working on systems for analyzing Flow Cytometry data using 3D visualization and user interfaces. Shaw is Co-Architect of the MR Toolkit, which is VR software that has been licensed by 600 research institutions worldwide since 1993.

Shaw received a B Math in Computer Science from the University of Waterloo in 1986, an MSc in Computing Science from the University of Alberta in 1988, and the Ph.D. in Computing Science from the University of Alberta in 1997.