Curriculum Vitae Prof. Dr. Heinrich Müller

Address

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Personal Details

Birthday/ -place: 30 July 1953, Reutlingen, Germany

Nationality: German

Current Position

Professor emeritus

Academic education and degrees

1987: Habilitation and Venia Legendi, Computer Science, University of Karlsruhe

1981: PhD: Dr.rer.nat., Computer Science, University of Stuttgart, Germany

1978: MSc's: Diplom in Mathematics, Diplom in Computer Science, University of Stuttgart, Germany

1973 – 1978: Study of mathematics and computer science at the University of Stuttgart, Germany

Scientific Honors / Awards

2019: Eurographics Medal

2002: Fellow of Eurographics, the European Association of Computer Graphics

Professional and Academic Career

Since 2019: Professor emeritus, TU Dortmund University, Department of Computer Science

2002 - 2019: Vice-Dean of the Department of Computer Science, TU Dortmund University

1995 – 1999: Dean of the Department of Computer Science, TU Dortmund University

1992 – 2019: Professor for Computer Science, TU Dortmund University, Gerrnany, Department of Computer Science, Head of the computer graphics group

1988 – 1992: Associate Professor for Computer Science, University of Freiburg, Germany, Institute for Computer Science

1984 – 1988: Assistant Professor, University of Karlsruhe, Germany, Department of Computer Science

1981 – 1984: Research Associate, University of Karlsruhe, Germany, Department of Computer Science

1979 – 1980: Research Associate, University of Stuttgart, Department of Mathematics and Computer Science

Research Areas

Methods: Computer graphics based modeling, simulation, and visualization of natural environments. Data analysis and visualization.

Applications: Geometric modeling and simulation in manufacturing. Image analysis, modeling and visualization in medicine and biology. Human-computer interaction.

Publications

Co-author of more than 160 peer-reviewed scientific publications and three textbooks.

Dissertations and habilitations

Supervisor of one habilitation and 29 PhD-theses

Further academic activities

Co-editor of thee edited volumes on Scientific Visualization (Springer, IEEE CS Press).

Memberships in editorial boards: Lecture Notes in Informatics, Gesellschaft für Informatik (GI), Springer (Advisory Board, 2001 – 2008); Computers & Graphics, Elsevier (Editorial Advisory Board, 1997 – 2009); Computer Graphics Forum, Blackwell-Wiley (Editorial Board, 1995 – 2009); Computing, Springer (Advisory Board, 1991 – 2002); Computer Animation & Virtual Worlds, Wiley (Editorial Board, since 1990).

Memberships in boards of academic associations: Elected member of the Executive Committee der Eurographics Association (2000 - 2014); Chairman of the Eurographics Workshops, Symposia, and Working Group Board (1997-2019); Chairman of the technical committee „Computer Graphics" of the German "Gesellschaft für Informatik" (GI) (1995 – 1998); Chairman of the specialist group „Imaging and Visualiization Techniques" of the German "Gesellschaft für Informatik" (GI) (1990 – 2001).

Membership in many program committees of national and international conferences, symposia, and workshops, and reviewer of numerous papers and research proposals.