

Students supervised and visitors hosted by Jarek Rossignac

Current Graduate students (PhD advisor of students in bold)

- **Mark Luffel (Animation Design), Fall 2009-present**
- Mukul Sati (Compact geometry rep and editable LR), 2012-present
- Suraj Sirpilli (Design principles for animated icons), Fall 2013
- Vivek Trivedi (Study of depth of field and focus), Fall 2013
- **Wei (Tina) Zhuo (Bending with local volume preservation), Fall 2009-present**
- Xueyun Zhu (Compact and editable data structures for simplicial complex), 2011-present

Former Graduate students (PhD advisor of students in bold)

- Abhishek Iyer (Orthopedic surgery planning), Fall 2007
- Abhishek Venkatesh (GPU rendering of curves and surfaces), 2007-2008
- Ahmed Farzan Kamal (Semi Regular refinement), Fall 2002.
- Alex Lebedev (Parallel Compression), Spring 2003
- **Alla Safonova (Animation compression), 1999-2001**
- Andrzej Szymczak (Tetrahedra connectivity compression): 1998-1999
- Ang Lee (Compression of curves by resampling), Spring/summer 2006
- Antonio Haro (Topological Compress), Winter 98
- Arvind Raghupathy (Polyheron processing), Spring 2010
- Arvind Raghupathy (Robust classification), Fall 2010
- Bill Pilger (Shape Analysis for Surgery Planning), Spring 2006
- Brandon Beck (model-independent interactive view control and navigation), Spring 2004
- Brendan Hannigan (Image Based Rendering), 1999-2000
- **Brian Whited (Surgery Planning and Feature Animation), 2004-2009**
- **ByungMoon Kim (Accurate fluid/air simulation), 2001-2007**
- Causenge Cangin (Radiosity CS4903), 1997-1998
- Chris Wojtan (Computing with Tetrameshes), Spring 2005
- David Cardoze (Shape approximation), Winter 98
- **Davis King (3D compression), 1998-2002**
- Doug Davis (Geometric approximation), Winter-fall 98
- Dun Liu (Surface fitting and compression), 1999-2000
- Edouard Din (Illusions of motion in architecture), Spring 2002
- Eduardo Mateo (Partial Graph Matching for Animation), Spring 2011
- Ellen Matthew (tweaked subdivision), Spring 2007
- Ethan Adler (Document reconstruction from pieces), 2006-2007
- Francisco Palop (Uncertainty of iso-surfaces of noisy data), Spring and Fall 2004
- Francois Chiron (Biomedical Data Registration), 1997
- Gordon Brown (Tritops haptic device for Human-Shape Interaction), Spring 2004
- Hendrik Mueller (3D measurements and shapes from single images and panoramas), Spring 2004
- Hendrik Mueller (Tele-collaboration), Fall 2007
- **Ignacio Llamas (Human-Shape Interaction), 2002-2005**
- Jaroslav Tyman (Vision-based head tracking for 3D view control) Spring 2004
- **Jason Williams (Topological Simplification), 2002-2012**
- Jeonggyu Lee (Feature sliding and stroke motions), 2007-2008
- Jie Sun (Compression of regular vertices), Fall 2002
- Jim Koch (Separating planes for the simplification of volumetric models), 2003
- **Justin Jang (Designing and editing free form patterns), 2005-2010**
- Kristin Siu (Surgery Planning), 2010-2011
- Kyle Olszewski (Fluid Simulation for APL), Spring 2009
- Lawrence Ibarria (4D compression), Spring 2002 – 2007
- Lex Spoon (Bit efficient coding), Winter 98
- Mark Carlson (3D navigation aids), Spring 2000
- **Mel Eriksen (Motion lines), 2001-2003**
- Nathanael Berglund (iso-surface optimization) Spring 2004
- Panchapagesan Krishnamirthy (CAD visualization), Spring 2007
- Philipp Bartke (Simulation of aging in human organs, Spring & summer 2008)

- Piyush Soni (Surgem, Fall 2007)
- Piyush Soni (Surgery simulation, Fall 2008)
- Pradeep Jayaraman (Heart Surgery Planning Tool with Baffle), Fall 2009
- Prashant Thakare (Compressing triangle meshes), Spring 2004
- Rahim Shariff (Cell-to-cell visibility), Spring 2002
- Ramswaroop Somani (Feature extraction, Fall 2002)
- Roman Khramez (3D simplification, 1999-2002)
- Sagar Uplanchiwar (Motion control, Fall 2007)
- Schwa Gargus (Finger Sculpting), Spring 2002
- Sean Molley (Shape simplification), Winter 98
- Sehoon Ha (3D input techniques with multiple mice and wheels), Fall 2009
- Stephen Cuzzort (Volume rendering on the GPU), Fall 2006
- Sulabh Patel (Cell Phone based assembly instructions), Spring 2006
- Sungabe Kim (GPU rendering), Fall 2007
- **Topraj Guruung (Compact triangle and tetrahedron meshes), 2007-2013**
- Urs Bischoff (Compressed Ordered Tetrahedra Transmission), Spring 2004
- Vivek Kvarda (area animation compression), Fall 2000
- Ying Chen (CSG-to-voxels), Fall 98.
- Ying Liu (surface fitting), 2000
- Yu-Hsien (Michael) Su (Animation design), Spring 2007

Current Undergraduate students

- Brian Edmonds (Multitouch control for warps and animations, APL), Spring 2013-present
- Nick Barrash (Measurements from the projection of a trapeze), Spring 2013-present

Former Undergraduate students

- Alex Milstead (touch screen interfaces for animation), Spring 2011
- Alexander Powell (3D curve manipulation and motion design), 2003-2006
- Andy Scukanec (CSG rendering), Fall 2002.
- Branden Smith (3D reconstruction from images), Spring 2004
- Bridgette Wiley (Swimming patterns), 2009-2010
- Drew Smathers (map-based interaction), Fall 2005
- Hai Dang (map-based interaction), Spring 2006
- I. Llamas (Two-Handed Interactive Deformation of 3D Meshes), Spring 2002.
- J. Anderson, T. Rogers, D. Karimi, C. Cox, Paul Travis (CS3911 Project on 3D furniture selection), Fall 2001
- Jereme Duvall (AJAX based scientific visualization), Spring 2007
- Jessie Shah (Digital Clay), 2002-2003.
- John Hable (Volume decompression and visualization on GPUs), 2004
- Joy Shieh (direct manipulation of animations), Spring 2004
- Michael Norris (copying features), Spring 2004
- Nguyen Le Truong (Hausdorff distance computation) ,Spring 2004
- Nick Barrash (Measurements from the projection of a trapeze), Spring 2013
- Topraj Gurung (design of trajectories), Spring 2004
- William Helfrich (GPU decompression and two-handed interfaces), 2006-2007
- Yokhanan Beck (Area splitting skeleton, animation editor), Spring 2009-2011

Former visitors

- Alvar Vinacua (UPC Spain), Steady Affine Morphs, August 2008 – February 2009
- Carlos Saona-Vazquez (UPC Barcelona), Occluders, Fall 1999
- Guillaume Wenzek (Ecole Polytechnique, France), Compact Editable Meshes, April-August 2013
- Hyoung Seok Kim (Dongueui University, Korea), Shape parameterization, Jan-Dec 2004.
- Hyunpung Park (Korea), Non-rigid registration, August 2008 –June 2010.
- Ioannis Fudos (Greece), Self-intersecting surfaces, March 1, 2010 to April 30, 2010.
- Renato Pajarola (PhD from ETH): Geometric Compression, 1998-99.
- Sebastien Valette (PhD INSA, Lyon, France), Compression of regular vertices, Nov-Dec 2002.
- Toni Chica (UPC, Bcelona Spain), Isosurface smoothing and segmentation, Sep. 2005-Dec. 2005.
- Volker Coors (Fraunhofer IGD), Transmission of Urban Models, Dec. 2000- Mar. 2001