

A computer engineer with applied mathematics background, pursuing his strong interest in geometry processing by doing a PhD in remeshing using probabilistic graphical models.

I have worked in an international research environment at LIAMA (Peking), at INRIA Rhône-Alpes and now in the LIRIS laboratory.

Nationality: French Gender/Status: Male/Single

Date of birth: 07/10/1984

Phone number: +33 (0)4 72 43 63 65

Email: vincent.vidal@liris.cnrs.fr

Website: <http://liris.cnrs.fr/vincent.vidal/>

VINCENT VIDAL
RESIDENCE ALCESTE n°007,
22 rue Georges Courteline,
69 100 VILLEURBANNE, FRANCE



EDUCATION

- 2008- : **PhD - INSA de Lyon** in *Remeshing and mesh simplification with probabilistic graphical models* at the **LIRIS** laboratory. LIRIS (Lyon research center for images and intelligent information systems) is a computer science laboratory associated to the French research institution CNRS under the label UMR 5205.
Thesis supervisors: Florent Dupont and Christian Wolf
- 2007-2008: **Master of Science** in virtual worlds synthesis and animation - Joseph Fourier University - UFR-IMAG
Majors in: 3D animation, rendering, GPU programming, geometry processing, and 3D reconstruction
- 2004-2007: **ENSIMAG** - ENSIMAG is one of the French leading engineering schools in computer science and applied mathematics, part of INPG - Grenoble National Polytechnic Institute. Three-year program in: computer's structure, network, database, algorithms and complexity, object-oriented programming, language theory, Fourier analysis, probability, statistics...
- 2002-2004: **DEUG MIAS** - Luminy's faculty of sciences. DEUG is an university degree awarded after a two-year course of study.
Major in: Algebra, Function analysis, Physic, programming, Web
- 1999-2002: **Baccalaureat S** - French secondary-school diploma in science (A-levels).

WORK EXPERIENCE

- **2008: 6 months research internship at the EVASION-LJK team of INRIA Rhône-Alpes:** Realistic illumination of terrains in real-time
- **2007: 6 months research internship at the EVASION-LJK team of INRIA Rhône-Alpes:** *Most of the time I was within the LIAMA laboratory at Peking: I developed a new technique for accelerating volume rendering of plants ; my work results have been published: **Simple Empty-Space Removal for Interactive Volume Rendering**, Vidal Vincent, Mei Xing, Decaudin Philippe, *J. Graphics Tools*, 13 (2), 21–36, 2008.*
- **2006: 3 months internship at the AREVA TA firm** (CEA Cadarache): Improve an existing software (User Interface improvements such as progress bar management)

PUBLICATION

- ***Global triangular mesh regularization using conditional Markov random fields**, Vidal Vincent, Wolf Christian, Dupont Florent, Lavoué Guillaume, Symposium on Geometry Processing 2009 (Poster : acceptance rate 37% in 2008), EUROGRAPHICS ed. Berlin. 2009.*
- ***Simple Empty-Space Removal for Interactive Volume Rendering**, Vidal Vincent, Mei Xing, Decaudin Philippe, *J. Graphics Tools*, 13 (2), 21–36, 2008.*

LANGUAGES

- French (mother tongue) ; English (fluent) ; German, Mandarin, Korean (beginner)

PERSONAL INTERESTS

- Sports: tennis, soccer, basketball
- Asian culture: I am learning Mandarin and Korean, I have been in China (Beijing, Xi-an, Shanghai, ...)
- Others: travelling, cinema, music