Curriculum Vitae

Elmar EISEMANN	Born on the 25th July 1978
	Nationality : German
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Formation

Since 2005	**PhD. student** at INRIA Rhône-Alpes under the supervision of Xavier Décoret and François Sillion
2004	**Magistère in Computer Science** from Paris XI, (grade very good)
2003-2004	**Master** IVR (Image Vision Robotics) in Computer Science from INPG (Institut National Polytechnique de Grenoble), (grade very good, best student)
2001-2002	**Licence** in Computer Science (grade very good) from Paris XI **Maîtrise** in Computer Science (grade very good) from Paris XI
2001	Accepted at École Normale Supérieure, Paris (**Concours ENS-Europe)**
2001	**"Vordiplom der Mathematik"** at the university of Cologne (grade (1.0), best grade)
1999-2001	**Student in Mathematics** at the university of Cologne
1998-1999	Civil service
1998	**"Abitur"**: Georg-Büchner Gymnasium (high school) (grade very good (1.0), best grade possible, best student)

Professional experiences

2007	**Internship**: three months at Adobe Systems Inc. (Seattle) under the supervision of David Salesin and John C. Hart
2006	**Internship**: three months at the University of Illinois (Urbana-Champaign) under the supervision of John C. Hart
2003	**Internship**: six months at the Massachusetts Institute of Technology (MIT) under the supervision of Frédo Durand
2002	**Internship** at INRIA under the supervision of Cyril Soler
1999	**Webpage** for the Dietrich-Bonhoeffer Church, Cologne
1998	**Short movies** in 3D for the enterprise Joysoft
1997	Creation of **internet applications** for Gameplay
1995-2001	Customer service for Joysoft
1992-1998	**student newspaper** reporter (since 1993 chief reporter) also responsible for layout

Languages

german-native   **french** - fluent   **english** - fluent

Publications

Elmar Eisemann, Xavier Décoret: Visibility Sampling on GPU and Applications,
Journal Computer Graphics Forum (Eurographics 2007), Volume 26, Number 3 - 2007

Elmar Eisemann, Xavier Décoret: Occlusion Textures for Plausible Soft Shadows,
Journal Computer Graphics Forum - 2007 accepted, will be published in winter

Matei Stroila, Elmar Eisemann, John C. Hart: Clip Art Rendering of Smooth Isosurfaces,
Journal TVCG - 2007 accepted to appear in 2008

Elmar Eisemann, Xavier Décoret: On Exact Error Bounds for View-Dependent Simplification,
Journal Computer Graphics Forum - Volume 26, Number 2 - 2007

Elmar Eisemann, Xavier Décoret: Fast Scene Voxelization Revisited,
Technical Sketch ACM SIGGRAPH - 2006

Elmar Eisemann, Xavier Décoret: Fast Scene Voxelization and its Applications,
ACM SIGGRAPH Symposium on Interactive 3D Graphics and Games, page 71-78 - 2006

Elmar Eisemann, Xavier Décoret: Plausible Soft Shadows using Occlusion Textures,
Brazilian Symposium on Computer Graphics and Image Processing, 19 (SIBGRAPI) - 2006

Elmar Eisemann, Frédo Durand: Flash Photography Enhancment via intrinsic relighting,
Journal ACM Transactions on Graphics (Proceedings of SIGGRAPH Conference), Volume 23 - 2004

Awards and Recognition

2006   SIBGRAPI **best paper** award (2 papers have been selected),
              an extended version will be published in CGF
2006   I3D **paper invited** to SIGGRAPH (special session with three I3D papers),
              new version is part of the SIGGRAPH digital library
2005   **Fellowship** Exploradoc of the region Rhône-Alpes
2004   **Fellowship** "Allocation Couplée ENS"
2001   Accepted to the École Normale Supérieure (**Concours ENS-Europe)**
1998   **Award** from the industry for the best chemistry student
1998   **2nd place** in the competition "Silberne Feder" for the school newspaper
1997   **APIEL -** Advanced Placement International English Language 5/5 best grade