Eric BARDINET

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Current position: Phd student in the EPIDAURE Group, INRIA, FRANCE.

Education:

- Since November 1992, preparation of a thesis at Institut National de Recherche en Informatique et Automatique (INRIA - Sophia Antipolis) on the representation of surfaces by parametric deformable models with applications to medical images (N. Ayache and Laurent D. Cohen supervisors). University of Paris IX-Dauphine, Dpt. of Applied Mathematics.
- 1992 Master of Applied Mathematics (DEA), Image processing. University of Paris IX-Dauphine.
- 1985 Baccalauréat C.

Conferences:

1. International Conference on Computer Vision, Virtual Reality and Robotics in Medicine, Nice, April 1995.
2. ORASIS working group, Sophia-Antipolis, January 1995.
3. CNRS Workshop on Volumetric Deformations, Paris, November 1994.
4. IEEE International Conference on Pattern Recognition, Jerusalem, October 1994.
5. IEEE Workshop on Biomedical Images Analysis, Seattle, June 1994.
6. SPIE Conference on Geometric Methods in Computer Vision, San Diego, July 1993.

Publications:

1. **Superquadrics and free-form deformations : a global model to fit and track 3D medical data.** *1st International Conference on Computer Vision, Virtual Reality and Robotics in Medicine, Nice, April 1995.* (with L.D. Cohen and N. Ayache).
2. **Fitting 3-D Data Using Superquadrics and Free-Form Deformations.** *IEEE International Conference on Pattern Recognition, Jerusalem, October 1994.* (with L.D. Cohen and N. Ayache).
3. **Fitting of Iso-Surfaces Using Superquadrics and Free-Form Deformations.** *IEEE Workshop on Biomedical Images Analysis, Seattle, June 1994.* (with L.D. Cohen and N. Ayache).
4. **Surface Reconstruction Using Active Contour Models.** *SPIE Conference on Geometric Methods in Computer Vision, San Diego, July 1993.* (with L.D. Cohen and N. Ayache).

Research Report:

1. **Surface Reconstruction using Active Contour Models**, INRIA Research Report Number 1824. (with L.D. Cohen and N. Ayache)

Reviews:

- CVRMed'95, ICCV'95, ICPR'94, CVPR'94.
- CVGIP-IU, IJCV.