Marc DANIEL
Curriculum vitae

Position: Professor of Computer Science
Aix-Marseille University, France
Ecole Polytech Marseille, Department of Computer Science
(Postgraduated School of Engineering)

Education:
Engineer, Ecole Nationale Supérieure de Mécanique, computer science option, 1980.
PHD, Modélisation de courbes et surfaces par des B-splines. Application à la conception et à la visualisation de formes, Université de Nantes, 12 may 1989.
Habilitation, Contribution à la modélisation de courbes et surfaces pour la Conception Assistée par Ordinateur, Université de Nantes, 1 july 1997.

Research Activities
Research done in Laboratoire des Sciences de l'Information et des Systèmes, UMR CNRS 7296. It deals with geometric modeling and curves and surfaces, a field of research included in the more general numerical imagis field.
Head of G-Mod (Geometric-Modeling) team, gathering 10 senior researchers,6 PHD students and 2 postdoc.

Four main axis are currently studied:
- Mesh improvement : decimation, noise reduction, hole filling
- Study of discrete curvatures which aims at defining discrete operators, relevant to study a set of points in terms of curvatures. This contributes to the analysis of shapes, described by point clouds or meshes
- Reconstruction of object, by continous or discrete surfaces.
- High level methods to construct objets by means of list of properties

Scientific Activity: short summary (February 2016)
A : Journals	19
B : Book chapters	16
C : Conferences with selection and proceedings with large diffusion	51
PHD advised and defended	20
PHD advised	3
International Program Committees	32

A more detailed list of publications is available at :
http://www.lsis.org/spip.php?id_rubrique=243