

Computer Graphics and Vision

In the area of Computer Graphics and Vision, relevant research has been developed in the following topics, as described in the detailed report: Multiresolution Models; 3D Photography Immersive Visualization, Video and Multimedia. There have also been developments related to the following applications: Medical Imaging, GIS (Geographic Information Systems) and Digital Television. The Millennium Institute, IM-AGIMB, has decisively contributed to the advancement of Computer Graphics and Vision in Brazil during the last 30 months. In this regard, the Institute promoted the planning and organization of a great number of activities. Among those initiatives, we can mention: scientific visits (travel grants for the researchers Jonathan Schewchuk and Nina Amenta); research incentive (post-doctoral scholarship for A. Peixoto); organization of scientific events (Workshop on Geometric Processing and Applications; creation of emerging centers (Group Graphic Computation of Federal University of Alagoas - UFAL). Thus, it is important to emphasize the key role played by the IM-AGIMB giving more flexibility to multi-institutional projects and creating synergy among the groups in the area.