

General Chair

Luiz Marcos Garcia Gonçalves
UFRN - Brazil
Imarcos@dca.ufrn.br

Organizing Co-chairs

Agostinho Medeiros Brito Júnior
UFRN - Brazil
ambj@dca.ufrn.br
Bruno Motta de Carvalho
UFRN - Brazil
bruno_m_carvalho@yahoo.com

Program Co-chairs

Alejandro César Frery
UFAL - Brazil
frery@tci.ufal.br
Maria Andréia Formico Rodrigues
UNIFOR - Brazil
mafr@unifor.br

Tutorial Co-chairs

Roberto Marcondes Cesar Jr.
USP - Brazil
roberto.cesar@ime.usp.br
Nelson D. D'Ávila Mascarenhas
UFFSC - Brazil
nelson@dc.ufscar.br

Poster

Luiz Carlos Pacheco R. Velho
IMPA - Brazil
lvelho@visgraf.impa.br
Leila Maria Garcia Fonseca
INPE - Brazil
leila@dpi.inpe.br

Workshop of Theses and Dissertations Co-chairs

Maria Cristina Ferreira de Oliveira
USP - Brazil
cristina@icmc.sc.usp.br
Fátima N. Sombra de Medeiros
UFC - Brasil
Fsombr@ufc.br

Workshop of Undergraduate Work Co-chairs

Wu Shin-Ting
UNICAMP - Brazil
ting@dca.fee.unicamp.br
Mauricio Marengoni
Mackenzie - Brazil
mmarengoni@mackenzie.br

Video Festival Co-chairs

João Soares Bulcão Filho
UNIFOR - Brazil
bulcao@bestcg.com.br
Ana Lúcia Candeias
UFPE - Brazil
analucia@ufpe.br

Contact

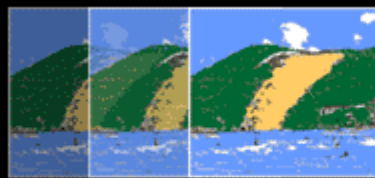
In case of questions please
feel free to contact the
Program Co-Chairs:
Alejandro César Frery (UFAL)
frery@tci.ufal.br
Maria Andreia Formico
Rodrigues (UNIFOR)
mafr@unifor.br



Sponsor



Organization



SIBGRAPI 2005

Natal - RN - Brazil

XVIII Brazilian Symposium on Computer Graphics and Image Processing

CALL FOR PAPERS

The *Brazilian Symposium on Computer Graphics and Image Processing*, SIBGRAPI, will be held October 9-12, 2005, in Natal, RN, one of the most beautiful cities in Brazil. SIBGRAPI is the most important Brazilian meeting in Computer Graphics, Image Processing, and Computer Vision. Started in 1988 with the sponsorship of the Brazilian Computer Society, this will be its 18th edition. Proceedings of SIBGRAPI have been published by IEEE CS Press since 1997, and its acceptance rate is about 30% of submitted papers. We cordially invite you to participate by submitting your work in all areas of Computer Graphics, Image Processing and Computer Vision, including but not limited to the following topics:

AI in Computer Vision	Graphics Hardware	Non-Photorealistic Rendering
Animation and Simulation	Image Analysis	Pattern Recognition
Bioinformatics Imaging	Image Compression	Real-Time Imaging
Biometry	Image Filtering	Real-Time Rendering
Collaborative Virtual Reality	Image Registration	Remote Sensing
Computational Geometry	Image Restoration	Scientific Visualization
Computer Vision and Robotics	Image Retrieval	Simplification Techniques
Digital Video	Image Segmentation	Surface Extraction
Digital Topology	Image Synthesis	3D Imaging
Document Analysis	Large Data Sets	Visibility Algorithms
Games	Mathematical Morphology	Visual Data Mining
Geographical Databases	Medical Imaging and Visualization	Visual Learning
Geometric & Solid Modeling	Multimedia	Volumetric Rendering
Graphical Interfaces	Multiresolution Techniques	Applications

The best papers in Computer Graphics will be selected for a special issue in the journal *Computer Graphics Forum*, the International Journal of Eurographics Association published by Blackwell. We are arranging for the best papers in Computer Vision and Image Processing also to be published in *International Journals*.

Contributions should be in one of the following categories:

- **Full Papers:** scheduled as oral presentations and published in the Proceedings as two-column, 8-page papers, in English. Submission will be electronic. Proceedings will be published by IEEE CS Press.
- **Technical Posters:** special session and published as two-column, 2-page papers, in English.
- **Tutorials:** about classical or timely topics, from elementary to advanced, consisting of three to six hours of lectures with printed notes (20-30 pages), in Portuguese or English.
- **Workshop of Theses and Dissertations:** PhD and MSc students may submit their ongoing work in English or Portuguese, to be evaluated for presentation. We expect this to be an unique opportunity for graduate students to receive important feedback on their work from the scientific community.
- **Workshop of Undergraduate Work:** undergraduate students are encouraged to submit the results of their scientific works in English or Portuguese, to be evaluated for presentation.
- **Front Cover Images:** generated by computer graphics or image processing techniques, to be printed on the front cover of the SIBGRAPI 2005 proceedings.
- **Video Festival:** generated by computer graphics or digital video processing techniques to be presented in a special session.

The conference program will include keynote talks from:

- Daniel Cohen-Or (<http://www.math.tau.ac.il/~dcor/>)
- James Greenleaf (<http://www.mayo.edu/ultrasound/>)
- Rick Parent (<http://www.cse.ohio-state.edu/~parent/>)
- Antonio Oliveira (<http://orion.lcg.ufrj.br/~oliveira/>).

IMPORTANT DATES

Full Papers	May	8, 2005
Tutorial Proposals	May	15, 2005
Front Cover Images	May	15, 2005
Workshop of Theses and Dissertations	June	30, 2005
Workshop of Undergraduate Work	June	30, 2005
Technical Posters	July	14, 2005
Video Festival	August	18, 2005

FOR FURTHER INFORMATION: <http://www.sbc.org.br/sibgrapi>