

Trimester Program on Computational Manifolds and Applications

Rio de Janeiro, Brazil

September to November, 2011



We hereby certify that, **Carsten Lange, F. u. Berlin**, participated in the event Trimester Program on Computational Manifolds and Applications during its seminar week, held at IMPA, Rio de Janeiro - RJ, from October 17 to 21, 2011 and presented the following work: “**Topological Simplification of Discrete Functions on Surfaces**”

Rio de Janeiro, October 21, 2011.

A handwritten signature in black ink, appearing to read "Luiz Velho", is positioned above the name and title.

Luiz Velho
Organizing Committee

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We hereby certify that, **Charles Loop, University of Washington**, participated in the event Trimester Program on Computational Manifolds and Applications during its seminar week, held at IMPA, Rio de Janeiro - RJ, from October 17 to 21, 2011 and presented the following work: “ **SG^2 Tensor Product Splines over Extraordinary Vertices**”

Rio de Janeiro, October 21, 2011.

A handwritten signature in black ink, appearing to read "Luiz Velho".

Luiz Velho
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We hereby certify that, **Christoph von Tycowicz, F. u. Berlin**, participated in the event Trimester Program on Computational Manifolds and Applications during its seminar week, held at IMPA, Rio de Janeiro - RJ, from October 17 to 21, 2011 and presented the following work: “**Interactive Surface Modeling using Modal Analysis**”

Rio de Janeiro, October 21, 2011.

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We hereby certify that, **Cindy Grimm, Washington University, St. Louis**, participated in the event Trimester Program on Computational Manifolds and Applications during its seminar week, held at IMPA, Rio de Janeiro - RJ, from October 17 to 21, 2011 and presented the following work: “**Analytic surface approximation and parameterization using manifolds**”

Rio de Janeiro, October 21, 2011.

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We hereby certify that, **Denis Zorin, New York University**, participated in the event Trimester Program on Computational Manifolds and Applications during its seminar week, held at IMPA, Rio de Janeiro - RJ, from October 17 to 21, 2011 and presented the following work: “**Global parametrization and projection manifold structure**”

Rio de Janeiro, October 21, 2011.

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We hereby certify that, **Gabriel Taubin, Brown University**, participated in the event Trimester Program on Computational Manifolds and Applications during its seminar week, held at IMPA, Rio de Janeiro - RJ, from October 17 to 21, 2011 and presented the following work: “**Smooth Signed Distance Surface Reconstruction**”

Rio de Janeiro, October 21, 2011.

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We hereby certify that, **Hong Qin, Stony Brook University**, participated in the event Trimester Program on Computational Manifolds and Applications during its seminar week, held at IMPA, Rio de Janeiro - RJ, from October 17 to 21, 2011 and presented the following work: “***Manifold Splines: Theory and Applications for Visual Computing***”

Rio de Janeiro, October 21, 2011.

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We hereby certify that, **Jean Gallier, University of Pennsylvania**, participated in the event Trimester Program on Computational Manifolds and Applications during its seminar week, held at IMPA, Rio de Janeiro - RJ, from October 17 to 21, 2011 and presented the following work: “**Introductory course**”

Rio de Janeiro, October 21, 2011.

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We hereby certify that, **Jorg Peters, University of Florida**, participated in the event Trimester Program on Computational Manifolds and Applications during its seminar week, held at IMPA, Rio de Janeiro - RJ, from October 17 to 21, 2011 and presented the following work: “**Rational Splines Revisited**”

Rio de Janeiro, October 21, 2011.

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We hereby certify that, **Jos Stam, University of Toronto**, participated in the event Trimester Program on Computational Manifolds and Applications during its seminar week, held at IMPA, Rio de Janeiro - RJ, from October 17 to 21, 2011 and presented the following work: “***Flows on surfaces of arbitrary topology***”

Rio de Janeiro, October 21, 2011.

A handwritten signature in black ink, appearing to read "Luiz Velho", is written over a light gray rectangular background.

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We hereby certify that, **Konrad Polthier, F. u. Berlin**, participated in the event Trimester Program on Computational Manifolds and Applications during its seminar week, held at IMPA, Rio de Janeiro - RJ, from October 17 to 21, 2011 and presented the following work: “**CubeCover - Cubical grids for bounded volumes**”

Rio de Janeiro, October 21, 2011.

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We hereby certify that, **Luis Gustavo Nonato**, Instituto de Matemática e Estatística, participated in the event Trimester Program on Computational Manifolds and Applications during its seminar week, held at IMPA, Rio de Janeiro - RJ, from October 17 to 21, 2011 and presented the following work: ***“Discretization of Differential Operators on Surfaces (lecture in the course on Computational Manifolds)”***

Rio de Janeiro, October 21, 2011.

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We hereby certify that, **Marcelo Ferreira Siqueira**, **Universidade Federal do Rio Grande do Norte**, participated in the event Trimester Program on Computational Manifolds and Applications during its seminar week, held at IMPA, Rio de Janeiro - RJ, from October 17 to 21, 2011 and presented the following work: “**Introductory Course on Computational Manifolds**”

Rio de Janeiro, October 21, 2011.

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We hereby certify that, **Mathieu Desbrun, California Institute of Technology**, participated in the event Trimester Program on Computational Manifolds and Applications during its seminar week, held at IMPA, Rio de Janeiro - RJ, from October 17 to 21, 2011 and presented the following work: “***Differential Computations on Discrete Manifolds***”

Rio de Janeiro, October 21, 2011.

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We hereby certify that, **Michael Misha Kazhdan, Johns Hopkins University**, participated in the event Trimester Program on Computational Manifolds and Applications during its seminar week, held at IMPA, Rio de Janeiro - RJ, from October 17 to 21, 2011 and presented the following work: “**Fast Poisson Solvers for Signal Processing on Meshes**”

Rio de Janeiro, October 21, 2011.

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We hereby certify that, **Peter Schroder, California Institute of Technology**, participated in the event Trimester Program on Computational Manifolds and Applications during its seminar week, held at IMPA, Rio de Janeiro - RJ, from October 17 to 21, 2011 and presented the following work: “**Open Problems in Computational Manifolds**”

Rio de Janeiro, October 21, 2011.

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We hereby certify that, **Pierre Alliez**, **Institut National de Recherche en Informatique et en Automatique**, participated in the event Trimester Program on Computational Manifolds and Applications during its seminar week, held at IMPA, Rio de Janeiro - RJ, from October 17 to 21, 2011 and presented the following work: “**Robustness Issues in Geometry Processing**”

Rio de Janeiro, October 21, 2011.

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