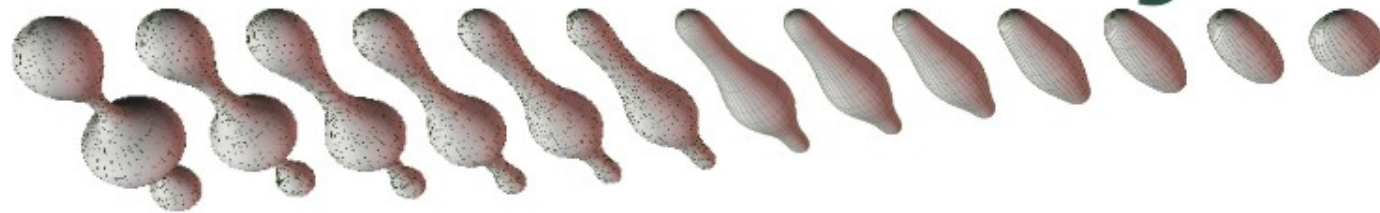


# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, **Abdênago Alves de Barros**, Universidade Federal do Ceará, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

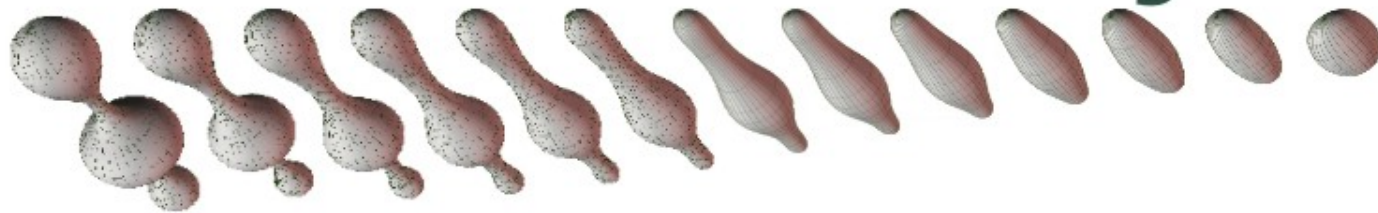
Rio de Janeiro, November 26, 2010.

Fernando Codá  
Organizing Committee



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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Acir Carlos da Silva Junior***, Instituto de Matematica Pura e Aplicada, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

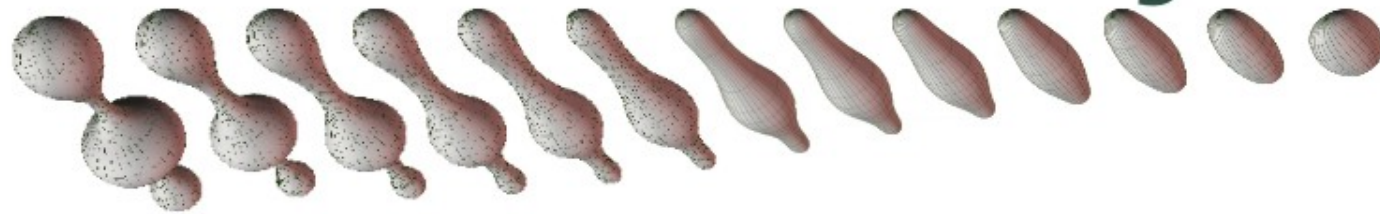
Rio de Janeiro, November 26, 2010.

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Organizing Committee



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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Adilson Lopes dos Santos***, **Universidade Federal do Rio de Janeiro**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

Rio de Janeiro, November 26, 2010.

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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Aldo Peres Campos e Lopes***, **Universidade Federal de Minas Gerais**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

Rio de Janeiro, November 26, 2010.

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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, **Alexandre de Sousa Mota**, **Universidade Federal do Ceará**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

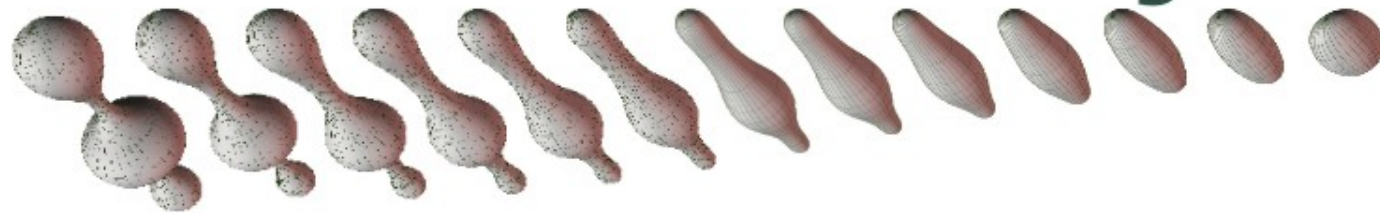
Rio de Janeiro, November 26, 2010.

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Organizing Committee



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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Almir Rogério Silva Santos***, **Universidade Federal de Sergipe**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

Rio de Janeiro, November 26, 2010.

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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, **Ana Maria Menezes de Jesus**, Instituto de Matematica Pura e Aplicada, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

Rio de Janeiro, November 26, 2010.

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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Areli Vázquez***, **Universidade Federal Fluminense**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

Rio de Janeiro, November 26, 2010.

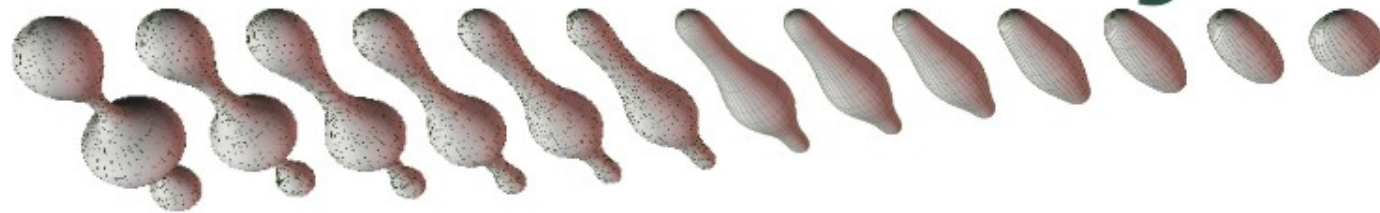
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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, **Castillon, Université Montpellier 2**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

Rio de Janeiro, November 26, 2010.

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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Celso Melchades Doria***, **Universidade Federal de Santa Catarina**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Claudemir Silvano Leandro***, Instituto de Matemática e Estatística, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

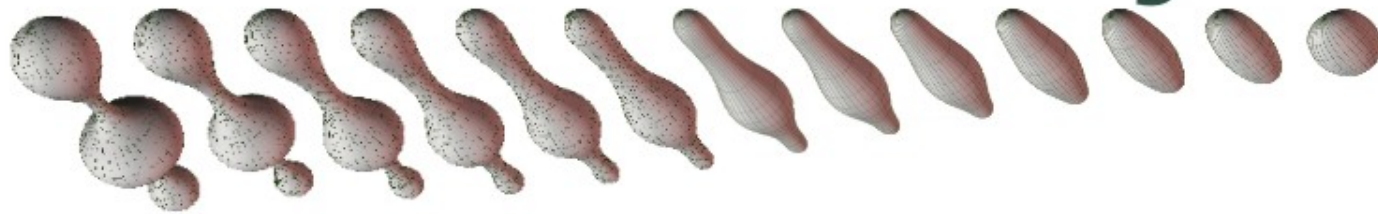
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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Cristhabel J. C. Vasquez***, **Universidade Federal Fluminense**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Cristina Levina Marques***, Instituto de Matematica Pura e Aplicada, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Daniel Florentiu Cibotaru***, **Universidade Federal Fluminense**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

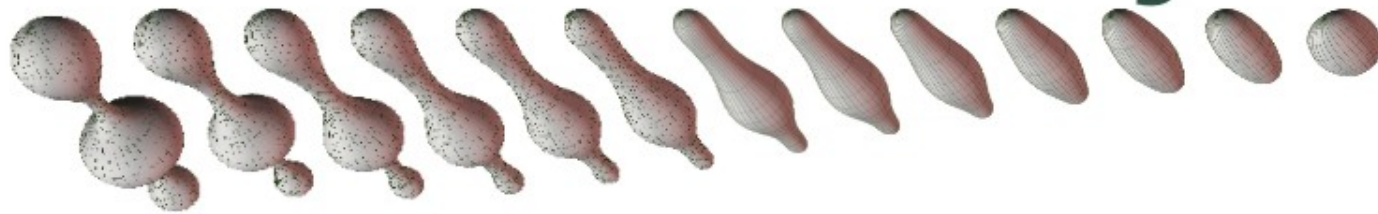
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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Dorel Fetcu***, Instituto de Matematica Pura e Aplicada, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

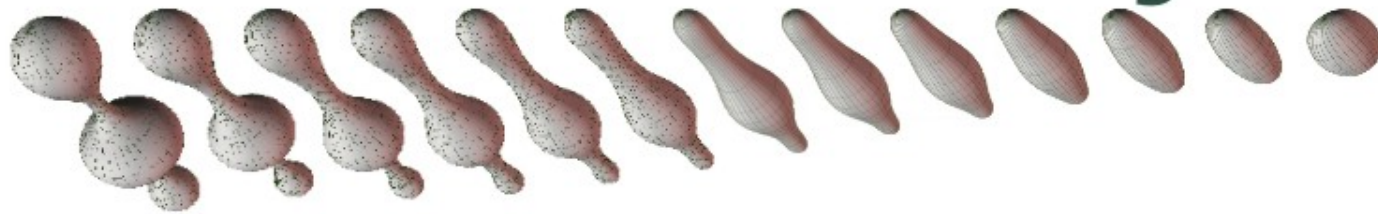
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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Ernani de Sousa Ribeiro Júnior***, **Universidade Federal do Ceará**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

Rio de Janeiro, November 26, 2010.

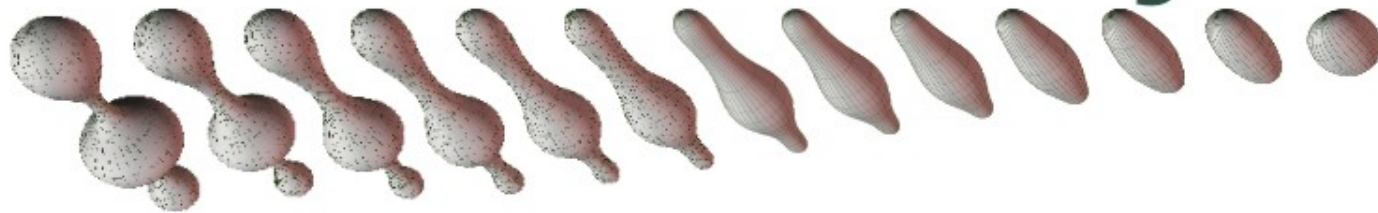
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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Fabiana Alves dos Santos***, **Universidade Federal do Ceará**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

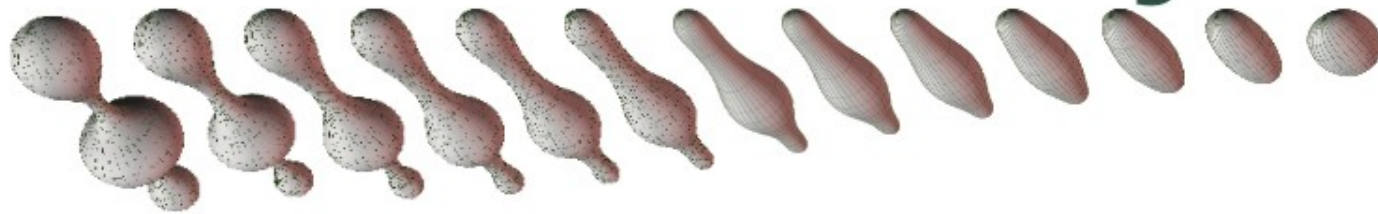
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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Feliciano Marcilio Aguiar Vitório***, **Universidade Federal de Alagoas**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

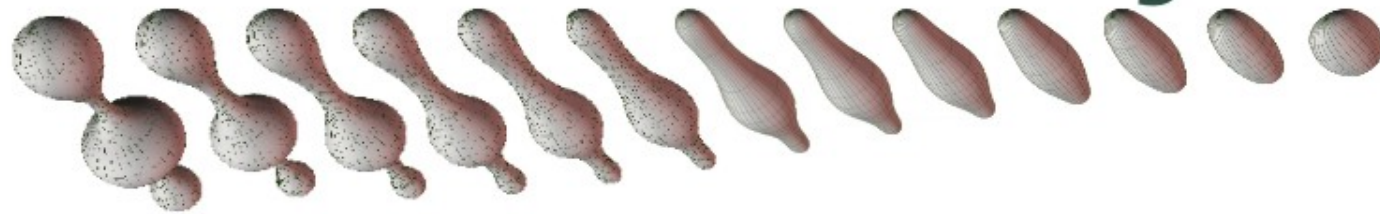
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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, **Fernando Manfio**, **USP - Instituto de Ciências Matemáticas e Computação São Carlos**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

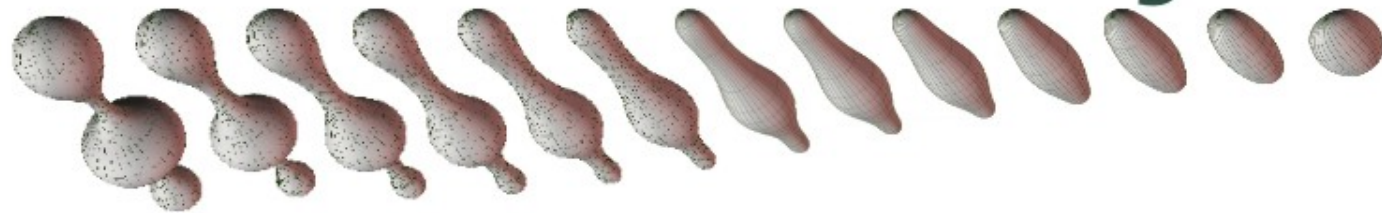
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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, **Flávio França Cruz**, **Universidade Federal do Ceará**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

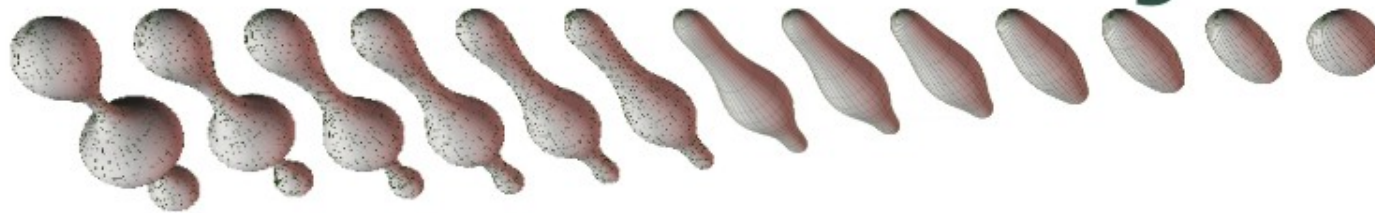
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Organizing Committee



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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Francisco Vanderson Moreira de Lima***, **Universidade Federal do Ceará**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

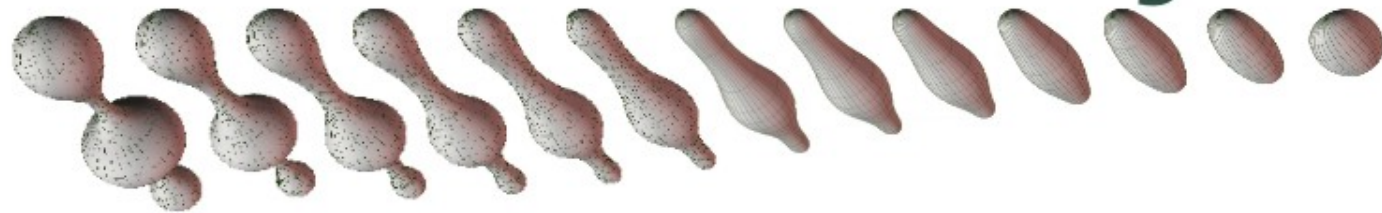
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Organizing Committee



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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, **Hilário Alencar da Silva**, **Universidade Federal de Alagoas**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

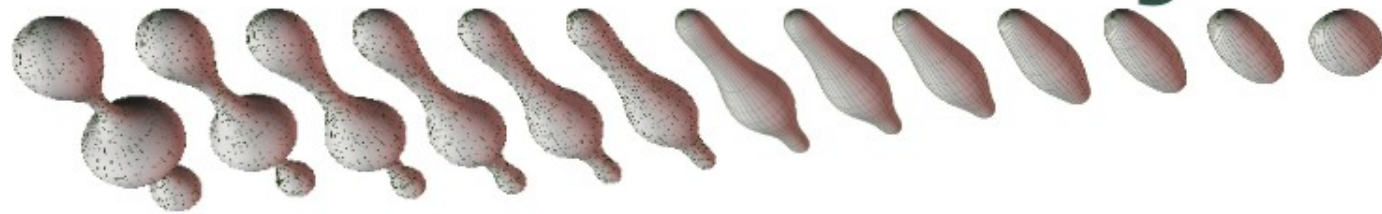
Rio de Janeiro, November 26, 2010.

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Organizing Committee



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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, **Ivaldo Paz Nunes**, Instituto de Matematica Pura e Aplicada, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

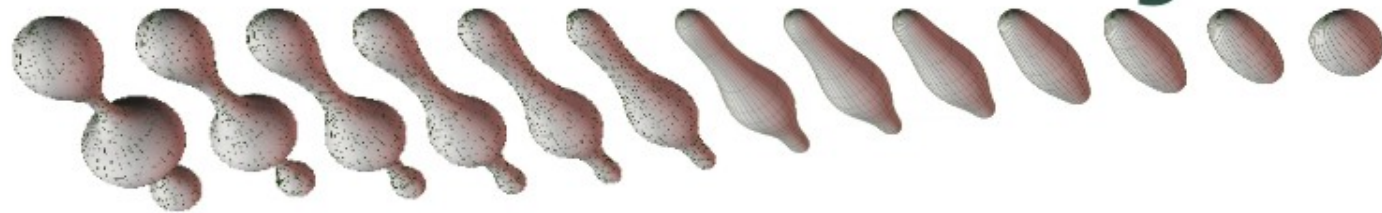
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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, **Leandro A. Lichtenfelz**, Instituto de Matemática e Estatística, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

Rio de Janeiro, November 26, 2010.

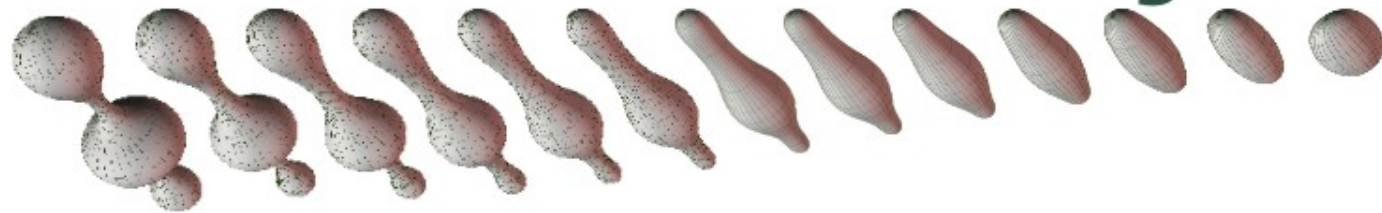
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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, **Levi Lopes de Lima**, **Universidade Federal do Ceará**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

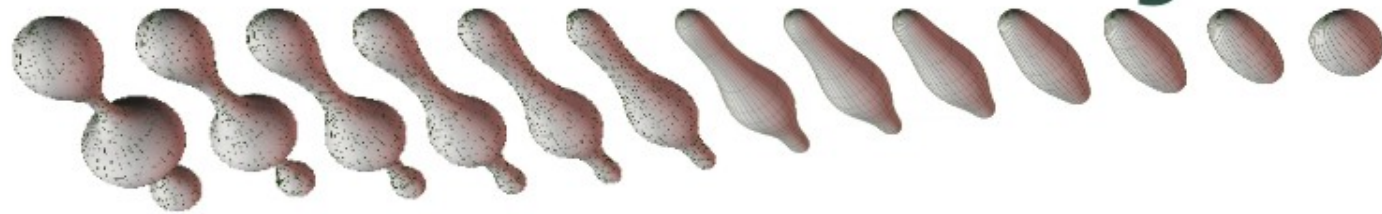
Rio de Janeiro, November 26, 2010.

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Organizing Committee



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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, **Luca Belli**, Instituto de Matematica Pura e Aplicada, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

Rio de Janeiro, November 26, 2010.

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Organizing Committee



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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, **Lucas Coelho Ambrozio**, Instituto de Matematica Pura e Aplicada, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

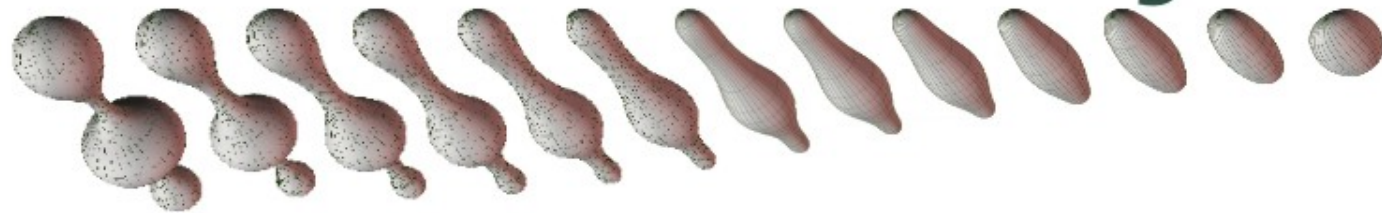
Rio de Janeiro, November 26, 2010.

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Organizing Committee



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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Márcio Henrique Batista da Silva***, **Universidade Federal de Alagoas**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

Rio de Janeiro, November 26, 2010.

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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Martin de Borbon***, Instituto de Matematica Pura e Aplicada, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

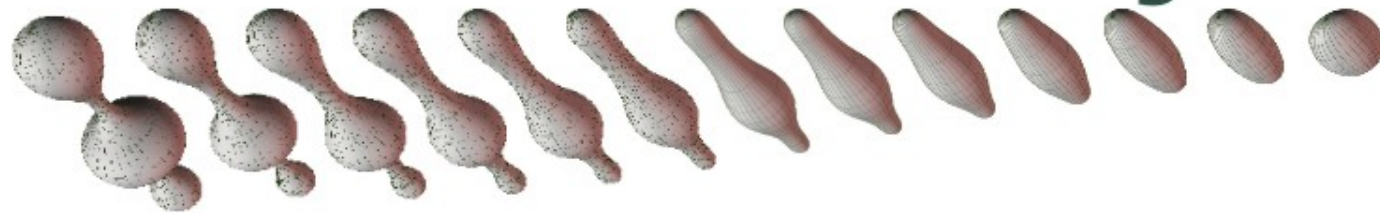
Rio de Janeiro, November 26, 2010.

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Organizing Committee



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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Matheus Brioschi Herkenhoff Vieira***, **Universidade Federal do Espírito Santo**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

Rio de Janeiro, November 26, 2010.

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Organizing Committee



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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, **Michela Zedda**, Instituto de Matemática e Estatística, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

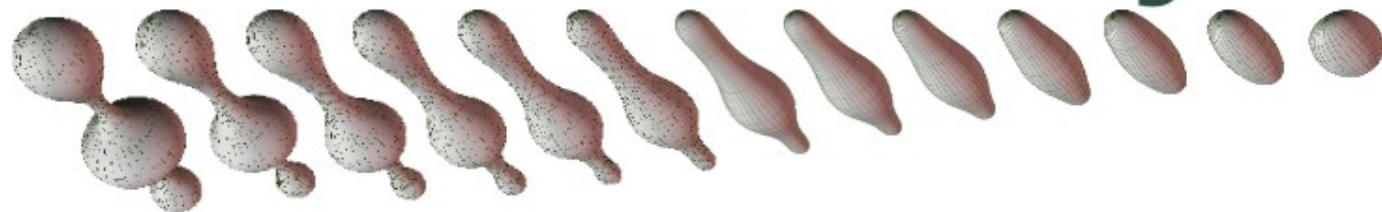
Rio de Janeiro, November 26, 2010.

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Organizing Committee



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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Nicolau Sarquis Aiex***, **Universidade Federal do Rio de Janeiro**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

Rio de Janeiro, November 26, 2010.

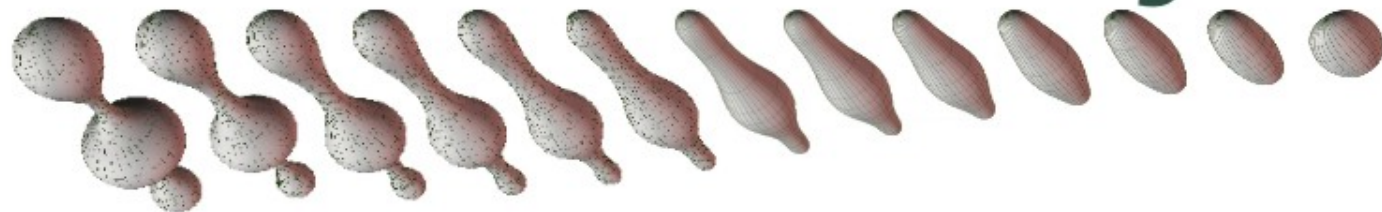
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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, **Peng Zhu, Universidade Federal Fluminense**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

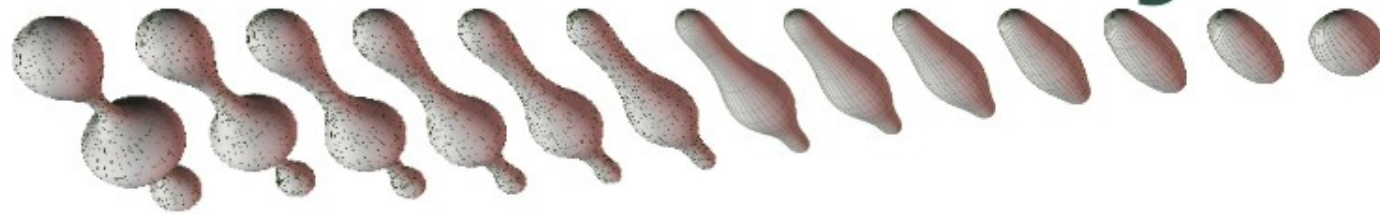
Rio de Janeiro, November 26, 2010.

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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Raquel Caetano***, **Universidade Federal do Tocantins - Campus Arraias**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

Rio de Janeiro, November 26, 2010.

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Organizing Committee



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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Robson Martins de Mesquita***, **Universidade Federal do Tocantins**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

Rio de Janeiro, November 26, 2010.

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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, **Stefano Nardulli**, **Università di Palermo**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

Rio de Janeiro, November 26, 2010.

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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Tito Mejia Paredes***, **Universidade Federal Fluminense**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

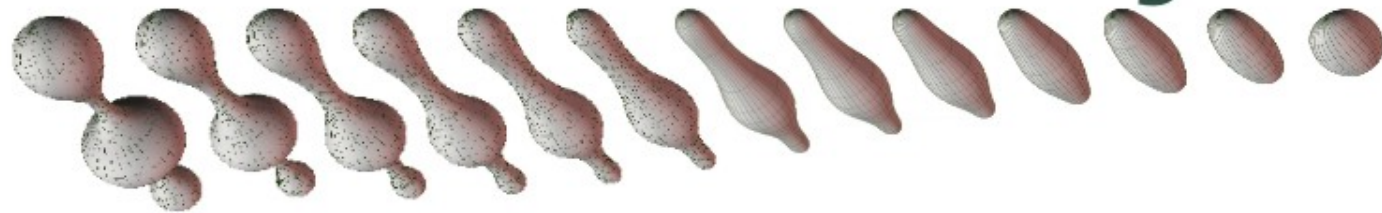
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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Vladimir Rosas Meneses***, **Universidad Nacional de San Agustín**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

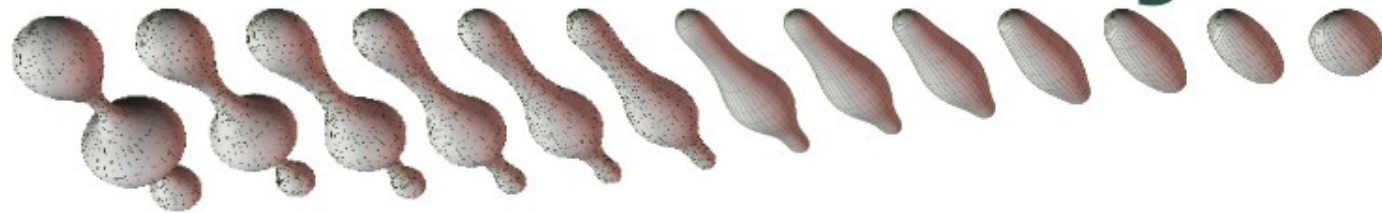
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# Geometric Analysis



IMPA, Rio de Janeiro, Brazil  
November 16 - 26, 2010

## CERTIFICATE

We hereby certify that, ***Xu Cheng***, **Universidade Federal Fluminense**, participated in the Geometric Analysis, held at IMPA, Rio de Janeiro - RJ, from November 16 to 26, 2010.

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