

workshop on  
**mathematical methods and  
modeling of biophysical phenomena**

November 30<sup>th</sup> to December 5<sup>th</sup>, 2017

We hereby certify that, **Aline de Lurdes Zuliani Lunkes**, **Fundação Universidade do Rio Grande**, participated in the Mathematical Methods and Modeling of Biophysical Phenomena, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 30<sup>th</sup> to December 5<sup>th</sup>, 2017 and presented the following poster: **“A REDUCTIVE APPROACH TO THE INVERSE PROBLEM IN EEG”**.

Rio de Janeiro, December 5<sup>th</sup>, 2017.



Jorge P. Zubelli  
Organizing Committee

CERTIFICATE



Organizing



Support



An Activity of



workshop on  
**mathematical methods and  
modeling of biophysical phenomena**

November 30<sup>th</sup> to December 5<sup>th</sup>, 2017

We hereby certify that, **Cesar Conopoima, Universidade Federal de Juiz de Fora**, participated in the Mathematical Methods and Modeling of Biophysical Phenomena, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 30<sup>th</sup> to December 5<sup>th</sup>, 2017 and presented the following poster: “**Mortar Finite Element for cell response to applied electric field**”.

Rio de Janeiro, December 5<sup>th</sup>, 2017.



Jorge P. Zubelli  
Organizing Committee

CERTIFICATE



Organizing



Support



An Activity of



workshop on  
**mathematical methods and  
modeling of biophysical phenomena**

November 30<sup>th</sup> to December 5<sup>th</sup>, 2017

We hereby certify that, **Julian Epstein, Universidad de Buenos Aires**, participated in the Mathematical Methods and Modeling of Biophysical Phenomena, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 30<sup>th</sup> to December 5<sup>th</sup>, 2017 and presented the following poster: “**Existence of periodic solution for a delay functional equation**”.

Rio de Janeiro, December 5<sup>th</sup>, 2017.



Jorge P. Zubelli  
Organizing Committee

CERTIFICATE



Organizing



Support



An Activity of



workshop on  
**mathematical methods and  
modeling of biophysical phenomena**

November 30<sup>th</sup> to December 5<sup>th</sup>, 2017

We hereby certify that, ***Karen Amaral de Oliveira***, **Universidade Federal do ABC**, participated in the Mathematical Methods and Modeling of Biophysical Phenomena, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 30<sup>th</sup> to December 5<sup>th</sup>, 2017 and presented the following poster: “**Studies in animal movement with spatial memory and different population dynamics**”.

Rio de Janeiro, December 5<sup>th</sup>, 2017.



Jorge P. Zubelli  
Organizing Committee

CERTIFICATE



Organizing



Support



An Activity of



workshop on  
**mathematical methods and  
modeling of biophysical phenomena**

November 30<sup>th</sup> to December 5<sup>th</sup>, 2017

We hereby certify that, **Marcelo Pires, Centro Brasileiro de Pesquisas Físicas**, participated in the Mathematical Methods and Modeling of Biophysical Phenomena, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 30<sup>th</sup> to December 5<sup>th</sup>, 2017 and presented the following poster: “**Sudden transitions in coupled opinion and epidemic dynamics with vaccination**”.

Rio de Janeiro, December 5<sup>th</sup>, 2017.



Jorge P. Zubelli  
Organizing Committee

CERTIFICATE



Organizing



Support



An Activity of



workshop on  
**mathematical methods and  
modeling of biophysical phenomena**

November 30<sup>th</sup> to December 5<sup>th</sup>, 2017

We hereby certify that, **Vitor Marquioni Monteiro, USP - Instituto de Física de São Carlos**, participated in the Mathematical Methods and Modeling of Biophysical Phenomena, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 30<sup>th</sup> to December 5<sup>th</sup>, 2017 and presented the following poster: “**Isophase generalization to stochastic limit cycle oscillators**”.

Rio de Janeiro, December 5<sup>th</sup>, 2017.



Jorge P. Zubelli  
Organizing Committee

CERTIFICATE



Organizing



Support



An Activity of

