

CERTIFICATE

IMPA, Rio de Janeiro, Brazil
November 14 - 18, 2016

We hereby certify that, **Adriana Cristina Sánchez Chavarría**, Instituto Nacional de Matemática Pura e Aplicada, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

Rio de Janeiro, November 18th, 2016

A handwritten signature in black ink that reads "Maria José Pacifico".

Maria José Pacifico
Organizing Committee

Celebrating Welington de Melo's 70th birthday



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IMPA, Rio de Janeiro, Brazil
November 14 - 18, 2016

We hereby certify that, **Alberto Adrego Pinto, Universidade do Porto**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Alex Zamudio**, Instituto Nacional de Matemática Pura e Aplicada, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Alexey Korepanov**, **University of Warwick**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Anna Belova**, **Uppsala University**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Antonio Augusto Gaspar Ruas**, **Universidade Federal de Minas Gerais**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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IMPA, Rio de Janeiro, Brazil
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We hereby certify that, ***Arcelino Bruno Lobato do Nascimento***, Instituto de Matemática e Estatística da **USP**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, ***Arlane Manoel Silva Vieira***, **Universidade Federal do Maranhão**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Artur Avila, Univ. Pierre et Marie Curie**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Benar Fux Svaiter**, Instituto Nacional de Matemática Pura e Aplicada, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Björn Winckler**, **State University of New York at Stony Brook**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Braulio Augusto Garcia**, **Universidade Federal de Itajubá**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Carl Olof Michael Benedicks**, Royal Institute of Technology, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Carlos Alberto Siqueira Lima**, Imperial College London, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Carlos Gustavo Tamm de Araujo Moreira**, Instituto Nacional de Matemática Pura e Aplicada, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Charles Tresser, IBM - Tj Watson Research Center**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Christian Mauduit, Universite Aix-Marseille**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, ***Cristina Lizana Araneda***, **Universidad de Los Andes- Venezuela**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Dan Strängberg**, **Uppsala University**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, ***Daniel Smania Brandao***, **Inst. Ciên. Matemática e Comp. de São Carlos**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, ***Davoud Cheraghi***, Imperial College London, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Diego Alonso Sanhueza Sanhueza**, **Universidade Federal do Rio de Janeiro**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Dyego Soares de Araújo**, Instituto Nacional de Matemática Pura e Aplicada, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Edgar Matias da Silva**, **IMPA - Pós-Doutorando**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Edson de Faria, Instituto de Matemática e Estatística**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Edson Vargas, Instituto de Matemática e Estatística**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, *El Hadji Yaya Tall*, Instituto Nacional de Matemática Pura e Aplicada, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Elaine Ferreira Rocha, Universidade Federal da Bahia**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Eleonora Catsigeras, Universidad de la Republica**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, ***Elizabeth Ruth Salazar Flores***, **Universidade Federal do Rio de Janeiro**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, ***Ermerson Rocha Araujo***, Instituto Nacional de Matemática Pura e Aplicada, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Fabián Contreras**, **Pontificia Universidad Católica de Valparaíso**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Fabíola Pedreira**, **Universidade Federal da Bahia**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Feliks Przytycki**, Institute of Mathematics, Polish Academy of Sciences, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, ***Fernando Nera Lenarduzzi***, Instituto Nacional de Matemática Pura e Aplicada, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, ***Gabriela Alexandra Estevez Jacinto***, Instituto de Matemática e Estatística, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, ***Helmuth Villavicencio Fernández***, Instituto de Matemática y Ciencias Afines, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Hugo Fonseca Araújo**, Instituto Nacional de Matemática Pura e Aplicada, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Ian Melbourne**, **University of Warwick**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Igors Gorbovickis**, **Uppsala University**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Jacob Palis**, Instituto Nacional de Matemática Pura e Aplicada, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Jailson Calado da Silva**, **Universidade Federal do Maranhão**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Jamerson Douglas dos Santos Bezerra**, Instituto Nacional de Matemática Pura e Aplicada, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Jeovanny de Jesus Muentes Acevedo**, Instituto de Matemática e Estatística, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Jiagang Yang, Universidade Federal Fluminense**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Jorge Sotomayor, Instituto de Matemática e Estatística**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **José Ferreira Alves**, **Centro de Matematica da Univ. do Porto**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **José Ladislao Vieitez Barreiro**, **Facultad de Ingeniería y Agrimensura**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Josue Alonso Aguirre Enciso**, **Universidade Federal do Rio de Janeiro**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Juan Carlos Salcedo Sora, Universidade Federal do Rio de Janeiro**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, ***Khanin, Konstantin***, **University of Toronto**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, ***Kleyber Mota da Cunha***, **Universidade Federal da Bahia**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, ***Liviana Palmisano***, Institute of Mathematics, Polish Academy of Sciences, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, ***Luciana Luna Anna Lomonaco***, Instituto de Matemática e Estatística, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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IMPA, Rio de Janeiro, Brazil
November 14 - 18, 2016

We hereby certify that, **Luciana Silva Salgado**, **Universidade Federal da Bahia**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

Rio de Janeiro, November 18th, 2016

A handwritten signature in black ink that reads "Maria José Pacifico".

Maria José Pacifico
Organizing Committee

Celebrating Welington de Melo's 70th birthday



CERTIFICATE

IMPA, Rio de Janeiro, Brazil
November 14 - 18, 2016

We hereby certify that, **Makar Plakhotnyk**, Instituto de Matemática e Estatística, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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Maria José Pacifico
Organizing Committee

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IMPA, Rio de Janeiro, Brazil
November 14 - 18, 2016

We hereby certify that, **Manuel Stadlbauer, Universidade Federal do Rio de Janeiro**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

Rio de Janeiro, November 18th, 2016

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Maria José Pacifico
Organizing Committee

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CERTIFICATE

IMPA, Rio de Janeiro, Brazil
November 14 - 18, 2016

We hereby certify that, **Marcelo M. Viana**, Instituto Nacional de Matemática Pura e Aplicada, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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Maria José Pacifico
Organizing Committee

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IMPA, Rio de Janeiro, Brazil
November 14 - 18, 2016

We hereby certify that, **Marco Lenci**, **Università di Bologna**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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Organizing Committee

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IMPA, Rio de Janeiro, Brazil
November 14 - 18, 2016

We hereby certify that, **Marco Martens, State University of New York at Stony Brook**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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IMPA, Rio de Janeiro, Brazil
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We hereby certify that, **Marguerite Flexor**, **Université Paris - Sud**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

Rio de Janeiro, November 18th, 2016



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CERTIFICATE

IMPA, Rio de Janeiro, Brazil
November 14 - 18, 2016

We hereby certify that, ***Maria José Pacífico***, **Universidade Federal do Rio de Janeiro**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

Rio de Janeiro, November 18th, 2016

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Maria José Pacífico
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CERTIFICATE

IMPA, Rio de Janeiro, Brazil
November 14 - 18, 2016

We hereby certify that, **Mauricio José Poletti Merlo**, **IMPA - Pós-Doutorando**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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November 14 - 18, 2016

We hereby certify that, **Michael Yampolsky, University of Toronto**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Michel, Petróleo Brasileiro S/a**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, ***Miguel Angel Pineda Reyes***, **Universidade Federal do Rio de Janeiro**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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November 14 - 18, 2016

We hereby certify that, **Mikhail Lyubich**, **State University of New York at Stony Brook**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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November 14 - 18, 2016

We hereby certify that, **Oliver Butterley, International Center for Theoretical and Physics**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Pablo Guarino, Universidade Federal Fluminense**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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November 14 - 18, 2016

We hereby certify that, **Pablo Gutiérrez Barrientos**, **Universidade Federal Fluminense**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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Maria José Pacifico
Organizing Committee

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We hereby certify that, **Patrice Le Calvez, Univ. Pierre et Marie Curie**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Paulo Rogerio Souza Brandão, IMPA - Pós-Doutorando**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Pedro Antonio Santoro Salomão**, Instituto de Matemática e Estatística, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Peter Hazard**, **Uppsala University**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Peyman, University of Warwick**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Raluca Tanase, State University of New York at Stony Brook**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Raúl Ures, Facultad de Ingeniería**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Remus Radu, State University of New York at Stony Brook**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Sandoel de Brito Vieira**, Instituto Nacional de Matemática Pura e Aplicada, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Sara Ruth Pires Bispo**, **Universidade Federal da Bahia**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Sebastian Van Strien, Imperial College London**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Sheldon Newhouse, Michigan State University**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Smale Steve, University of California at Berkeley**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Sofia Trejo Abad**, Instituto de Matemática e Estatística, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Thomás Jung Spier**, Instituto Nacional de Matemática Pura e Aplicada, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Vilton Pinheiro, Universidade Federal da Bahia**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Wanderson Costa e Silva**, **IMPA - Pós-Doutorando**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Wellington da Silva Cordeiro, IMPA - Pós-Doutorando**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Wellington de Melo**, Instituto Nacional de Matemática Pura e Aplicada, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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We hereby certify that, **Yuri ki, Universidade Federal Fluminense**, participated in the New Trends in Onedimensional Dynamics, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from November 14th to 18th, 2016.

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