

# A Living Singularity

Celebrating Maria José Pacifico's 70th birthday

## Certificate

We hereby confirm that

**Katrin Gelfert (UFRJ)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

Rio de Janeiro, Brazil, 29th April 2022

Organizing Committee



Katrin Gelfert

Luciana Salgado

Isaia Nisoli

**April 27 - 29, 2022**

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online <http://www.dynsys.im.ufrj.br/a-living-singularity/>

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**Sylvie Oliffson Kamphorst (UFMG)**

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**Gabriel Lucas Lacerda de Araujo (UFRJ)**

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**Rafael Potrie (Universidad de la República, Uruguay)**

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**Paulo Varandas (UFBA & FCT/CMUP)**

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**Kendry Jesús Vivas Ferrer (PUC de Valparaíso )**

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**Felipe Fonseca dos Santos (UFRB)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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Organizing Committee



Kátrin Gelfert

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Isaia Nisoli

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Singular hyperbolic systems

Expansive systems

Decay of correlations

Set valued systems

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We hereby confirm that

**Daniel Brandao (ICMC-USP)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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We hereby confirm that

**Steven Hurder (University of Illinois at Chicago)**

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We hereby confirm that

**Edgard Pimentel (University of Coimbra)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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We hereby confirm that

**Shin Kiriki (Tokai University )**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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**Tanja Schindler (University of Vienna)**

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We hereby confirm that

**Alfonso Sorrentino (University of Rome Tor Vergata)**

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We hereby confirm that

**Feliks Przytycki (Institute of Mathematics of Polish Academy of Sciences)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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**José Ferreira Alves (University of Porto)**

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We hereby confirm that

**Viviane BALADI (CNRS)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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We hereby confirm that

**Todd Fisher (Brigham Young University)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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We hereby confirm that

**Charles Pugh (U of California, Berkeley)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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We hereby confirm that

**José L. Vieitez Barreiro (CenUR Litoral Norte Universidad de la República)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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We hereby confirm that

**Gregório Pacelli Feitosa Bessa (Universidade Federal do Ceará)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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**Anton Gorodetski (University of California Irvine)**

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**Raul Ures (SUSTech)**

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**François Ledrappier (CNRS Paris)**

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We hereby confirm that

**Odylo Costa (UFF)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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We hereby confirm that

**Sheldon Newhouse (Michigan State University)**

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**Jiagang Yang (UFF)**

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**Sonia Pinto de Carvalho (UFMG)**

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**BRUNO SCARDUA (UFRJ)**

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We hereby confirm that

**Raquel Ribeiro Barroso Portela (No Affiliation)**

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We hereby confirm that

**Sergi Burniol Clotet (Sorbonne Université)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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We hereby confirm that

**Claudio Bonanno (Università di Pisa)**

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**Hugo Fonseca Araújo (Universidade Federal de Ouro Preto)**

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**ANDRES VICENTE CHULLUNCUY CENTENO (UNI (Perú))**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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**Diego Sanhueza (UFRJ)**

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**JAVIER CORREA (UFMG)**

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We hereby confirm that

**marguerite flexor (university paris sud)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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We hereby confirm that

**Cristina Lizana Araneda (Universidade Federal da Bahia)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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We hereby confirm that

**Wellington da Silva Cordeiro (UNIVESP)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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We hereby confirm that

**Stefano Marmi (Scuola Normale Superiore, Pisa (Italy))**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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We hereby confirm that

**Alfonso Artigue (Universidad de la República)**

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Expansive systems

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We hereby confirm that

**Adriana da Luz (UFF)**

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**Sergey Tikhomirov (St. Petersburg University/IMPA)**

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**Luis P. Yapu (UFRJ)**

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**Fabíola de Oliveira Pedreira (UEFS)**

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**Elivan Neri Lima (UFBA)**

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**Manuel Stadlbauer (Universidade Federal do Rio de Janeiro)**

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**Karina Marin (UFMG)**

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We hereby confirm that

**Maria Joana Torres (University of Minho, Portugal)**

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**Lucas Backes (Universidade Federal do Rio Grande do Sul)**

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**Yuzuru Sato (Hokkaido University)**

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**Diego da Silva Barros (Universidade Federal do Rio de Janeiro)**

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**Juan Carlos Salcedo Sora (UFRJ)**

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**Miguel Angel Pineda Reyes (UFRJ)**

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**Alma Armijo Averill (Universidad de Santiago de Chile)**

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**Lorenzo J. Díaz (PUC-Ri, Brazil)**

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**Kevin Alves Vasconcellos (Federal University of Rio de Janeiro)**

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**Nilson da Costa Bernardes Junior (Universidade Federal do Rio de Janeiro)**

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**Vinicius Coelho dos Santos (UFOB)**

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**Sheldon Newhouse (Michigan State University)**

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**ZHANG Jinhua (Beihang University)**

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**Jennyffer Smith Bohorquez Barrera (UFOP)**

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xuan zhang (usp)

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**Fidel Cuba Balvin (UFRJ)**

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We hereby confirm that

**Dominik Kwietniak (Jagiellonian University in Kraków, Poland)**

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**Bruno Santiago (UFF)**

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**Helena J Nussenzveig Lopes (UFRJ)**

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**Graccyela Rosybell Salcedo Pirela (UFRJ)**

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**Eduardo Corrêa Pedrosa (UFRJ)**

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**Cristian Fabian Loaiza Sierra (UFRJ)**

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**Habibeh Pourmand (Jagiellonian University)**

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**Monica Moulin Ribeiro Merkle (IM-UFRJ)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

Rio de Janeiro, Brazil, 29th April 2022

Organizing Committee

  
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Luciana Salgado

  
Isaia Nisoli

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Expansive systems

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We hereby confirm that

**Eric Alberto Cabezas Bonilla (Ufrj)**

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We hereby confirm that

**Rodrigo Andrade (UNESP)**

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**EDER RAUL HUACCACHI HUAMANI (Universidade de São Paulo)**

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**FREDDY PABLO CASTRO VICENTE (UFOP)**

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**Roland Rabanal (Pontificia Universidad Catolica del Perú)**

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**Ali Tahzibi (ICMC-USP)**

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**Radu Saghin (PUCV Chile)**

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**Jacob Palis Junior (IMPA)**

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**Yulia Petrova (IMPA)**

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**Jimmy Santamaria (Universidad Mayor de San Andrés)**

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**Sherlin Díaz (Universidade Federal do Rio de Janeiro)**

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**Jasmin Díaz (Universidade Federal do Rio de Janeiro)**

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**Silvius Klein (PUC-Rio)**

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We hereby confirm that

**Carlos Gustavo Tamm de Araujo Moreira (IMPA)**

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**Muhammad Mubarak (ICTP/SISSA)**

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**Douglas Coates (University of Exeter)**

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**Glauber Moreno Barbosa (UFRJ)**

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**João Henrique Lório da Silva (UFRJ)**

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**Leydiane Ribeiro Campos (Universidade Federal da Bahia)**

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**Gerardo Honorato (Universidad de Valparaíso)**

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**Wladimir Neves (IM-UFRJ)**

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**Maria João Resende (UFF)**

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**Luis Gustavo Valente Vazquez (UFF - Universidade Federal Fluminense )**

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**Jana Rodriguez Hertz (SUSTech)**

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**Mir Navid Razavi (Tarbiat Modares University)**

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Isaia Nisoli

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online <http://www.dynsys.im.ufrj.br/a-living-singularity/>

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### Topics

Singular hyperbolic systems

Expansive systems

Decay of correlations

Set valued systems

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## Certificate

We hereby confirm that

**Andres Koropeccki (UFF)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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We hereby confirm that

**Maral Hatamizadeh (Sharif University of Technology)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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We hereby confirm that

**Sérgio Gonçalves de Sousa (UFRJ)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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**Alejandro Cabrera (UFRJ)**

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**Gustavo Kayk Costa Barros (UFPE)**

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**Ricardo Bortolotti (UFPE)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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We hereby confirm that

**Daniel Alberto Aguilar Alvarez (Student)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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**Juan Sebastian forero (Ufrj)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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We hereby confirm that

**Santiago Martinchich (UdelaR (Uruguay) / UPSaclay (France))**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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We hereby confirm that

**Maisam Hedyehloo (Institute for Research in Fundamental Sciences(IPM))**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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**Ivan Aguilar (Universidade Federal Fluminense)**

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**Jorge Rocha (Universidade do Porto)**

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We hereby confirm that

**Meysam Nassiri (IPM )**

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**Dominic Veconi (ICTP)**

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**Luana Segantim Gimenes (UFRJ)**

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We hereby confirm that

**Taís Jesus de Brito (ufba )**

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**Sávio Silva Santana (UFBA)**

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**Sebastián Pérez Opazo (Instituto de Matemática , PUC Valparaíso)**

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**Alexander Arbieto (UFRJ)**

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We hereby confirm that

**Hesam Rajabzadeh (Institute for Research in Fundamental Sciences (IPM), Tehran, I**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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**Edhin Mamani Castillo (Puc-Rio)**

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**Zahra Reshadat (Institute for Research in fundamental sciences)**

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**Lucas Furtado (CUNY Graduate Center)**

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We hereby confirm that

**Ali Barzanouni (Department of Mathematics, Hakim Sabzevari University, Sabzevar,**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

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**Camila Crispim (Potifícia Universidade Católica)**

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**Saeed Momtaz (Shahid Beheshti University)**

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**Rafael Oswaldo Ruggiero Rodriguez (PUC Rio)**

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**Bulmer Mejia Garcia (Universidade Federal de Viçosa - UFV)**

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We hereby confirm that

**Wagner Ranter (Universidade Federal de Alagoas)**

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**Edison Righetto (UNESP ,Ilha Solteira)**

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**Walter Britto Peçanha Alves (Universidade Federal do Rio der Janeiro)**

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### April 27 - 29, 2022

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online <http://www.dynsys.im.ufrj.br/a-living-singularity/>

#### Organizing committee:

Gelfert, Nisoli, Salgado

#### Scientific committee:

Gelfert, Luzzatto, Pinheiro

#### Financial support:

FAPERJ

### Topics

Singular hyperbolic systems

Expansive systems

Decay of correlations

Set valued systems

# A Living Singularity

Celebrating Maria José Pacifico's 70th birthday

## Certificate

We hereby confirm that

**Raul Steven Rodriguez Chavez (PUC-Rio)**

participated in the meeting *A Living Singularity*, which was held online, April 27-29, 2022.

Rio de Janeiro, Brazil, 29th April 2022

Organizing Committee



Katrin Gelfert

Luciana Salgado

Isaia Nisoli

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