



# HADRONS

**2025** Porto Alegre

• • • XVI International Workshop on Hadron Physics

**10–14 Mar**

**Centro Cultural da UFRGS**

*Invited speakers*

**Kenji Fukushima**

The University of Tokyo

**Chun Shen**

Wayne State University

**Lisheng Geng**

Beihang University

**Fernanda Steffens**

University of Bonn





# HADRONS

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Assembléia Geral



# Pauta:

- Informes
- Um pouco de história ...
- Um breve resumo desta edição.
- Definições sobre a próxima Hadrons
- Premiação
- Outros assuntos



# Informes:

 **ICTP SAIFR** International Centre for Theoretical Physics South American Institute for Fundamental Research

 **MITP** Mainz Institute for Theoretical Physics

Campus of IFT-UNESP – São Paulo, Brazil

May 27 – 31, 2025

**ICTP-SAIFR/MITP SCHOOL ON MULTINEUTRON CLUSTERS IN NUCLEI AND IN STARS**

 **CHEN JI**  
Central China Normal University, China  
*Heavy nuclei, clustering and universality*

 **INGO TEUS**  
Los Alamos National Laboratory, USA  
*Ab-initio approach and applications*

 **FRANCESCA BONATTI**  
Michigan State University, USA  
*Extension of the ab-initio approach to heavier nuclei*

 **TAKASHI NAKAMURA**  
Tokyo Institute of Technology, Japan  
*Experimental probes of multineutron systems*

      Mainz Institute for Theoretical Physics

Deadline: 15/03

## XXII Escola de Verão Jorge André Swieca de Física Nuclear Teórica

28 de Abril a 02 de Maio, 2025

Niterói - RJ

Deadline: 14/03

## XXIII Escola de Verão Jorge André Swieca de Partículas e Campos

04 a 08 de agosto de 2025

Deadline: 16/06

# Informes:

## V ENCONTRO DE PRIMAVERA - SBF

São Luiz do Maranhão - MA. 29/9 - 2/10

## RETINHA 32

Rio de Janeiro, CBPF, 29 - 31/10

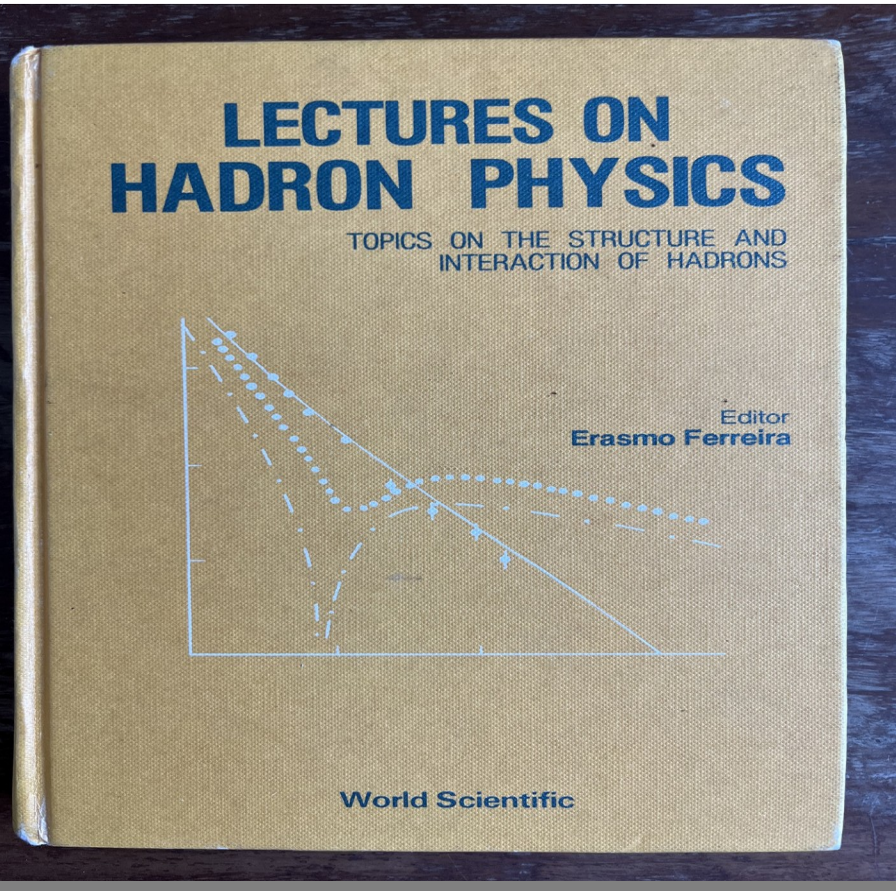
## VI Workshop on Non-Perturbative Aspects of QCD

Universidad Técnica Federico Santa María, em Valparaíso,  
Chile, 1 - 5/12

# Um pouco de história:

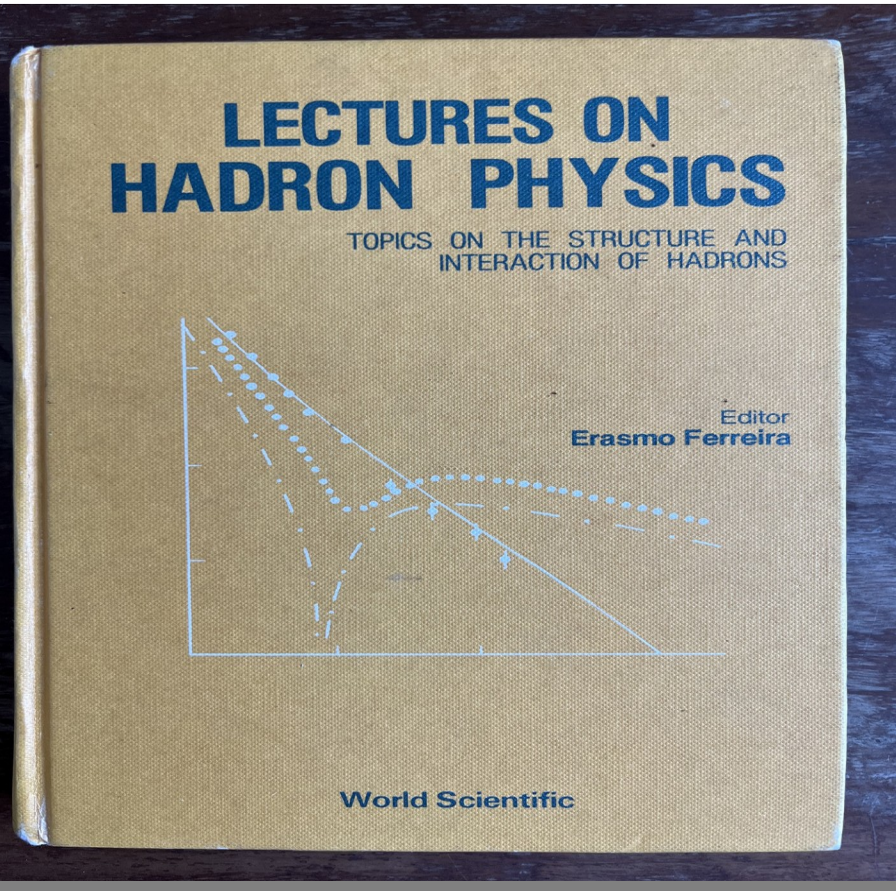
- XV International Workshop on Hadron Physics, 13–17 September 2021 – São José dos Campos, SP, Brazil
- XIV International Workshop on Hadron Physics, 18–23 March 2018 – Florianópolis, SC, Brazil
- XIII International Workshop on Hadron Physics, 22–27 March 2015 – Angra dos Reis, RJ, Brazil.
- XII International Workshop on Hadron Physics, 22–27 April 2012 – Bento Gonçalves, RS, Brazil
- XI International Workshop on Hadron Physics, 21–26 March 2010 – Maresias, SP, Brazil.
- X International Workshop on Hadron Physics, 26–31 March 2007 – Florianópolis, SC, Brazil
- IX International Workshop on Hadron Physics, 23 March–03 April 2004 – Angra dos Reis, RJ, Brazil.
- VIII International Workshop on Hadron Physics, 14–19 April 2002 – Bento Gonçalves, RS, Brazil.
- VII International Workshop on Hadron Physics, 10–15 April 2000 – Caraguatatuba, SP, Brazil.
- VI International Workshop on Hadron Physics, 16–21 March 1998 – Florianópolis, SC, Brazil.
- V International Workshop on Hadron Physics, 15–20 April 1996 – Mangaratiba, RJ, Brazil.
- IV International Workshop on Hadron Physics, 10–14 April 1994 – Gramado, RS, Brazil.
- III International Workshop on Hadron Physics, 1992 – Ubatuba, SP, Brazil.
- II International Workshop on Hadron Physics, 1989 – Olinda, PE, Brazil.
- I International Workshop on Hadron Physics, 1988 – Rio de Janeiro, RJ, Brazil.

# Um pouco de história:





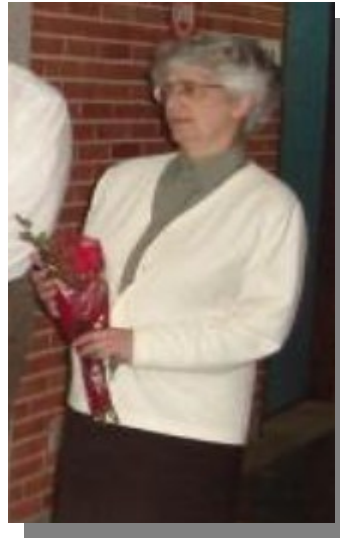
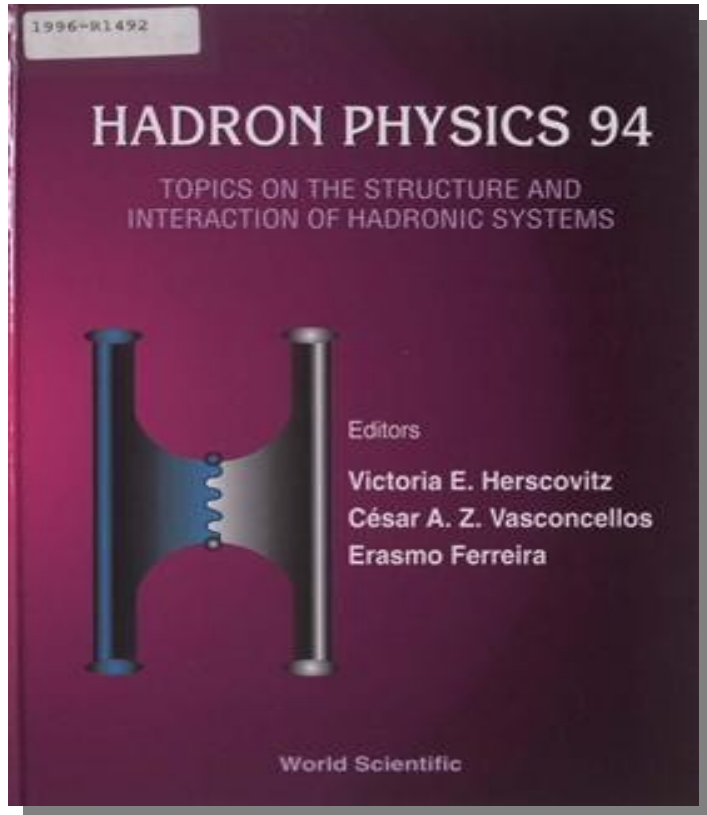
# Um pouco de história:



**Wikipédia:** Erasmo Madureira Ferreira (Rio de Janeiro, 8 de setembro de 1930) é um físico teórico brasileiro conhecido por seus trabalhos na área de Física de Partículas e Campos. É professor emérito do Instituto de Física da UFRJ, membro da Academia Brasileira de Ciências e um dos pioneiros da física de partículas no país.



# Um pouco de história:



Victoria E. Herscovitz



César A.Z. Vasconcellos

# Um pouco de história:



Um breve resumo desta edição:



# Um breve resumo desta edição:

## Comitê Organizador:

### **Local organizing committee**

Chair: Victor Barros Gonçalves, Federal University of Pelotas (UFPeI)

Gustavo Gil da Silveira, Federal University of Rio Grande do Sul (UFRGS)

Magno Machado, Federal University of Rio Grande do Sul (UFRGS)

Ricardo Sonogo Farias, Federal University of Santa Maria (UFSM)

### **National committee**

Kanchan Khemchandani (UNIFESP)

Jun Takahashi (UNICAMP)

Leticia Palhares (UERJ)

Rodrigo Picanco Negreiros (UFF)

Luciano Abreu (UFBA)

Ricardo Sonogo Farias (UFSM)

Victor Paulo Goncalves (UFPeI)

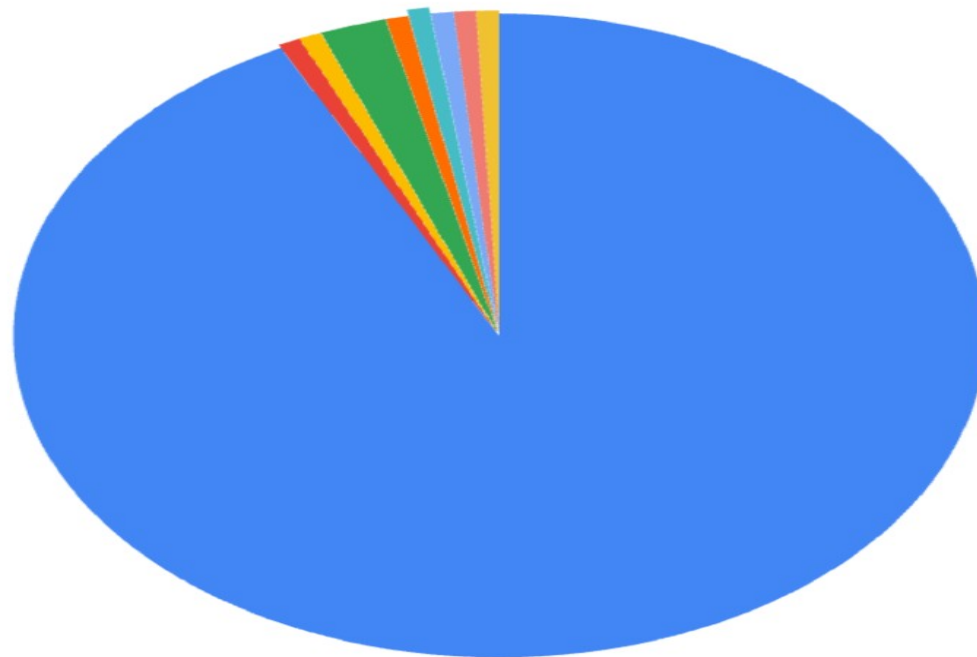
Tiago Nunes (UFSC)

# Um breve resumo desta edição:

Número de inscritos: 150

Número de participantes: 135

<b>Brazil</b>	<b>125</b>
<b>United States</b>	<b>1</b>
<b>Germany</b>	<b>1</b>
<b>Uruguay</b>	<b>3</b>
<b>Spain</b>	<b>1</b>
<b>Sweden</b>	<b>1</b>
<b>Japan</b>	<b>1</b>
<b>Switzerland</b>	<b>1</b>
<b>China</b>	<b>1</b>

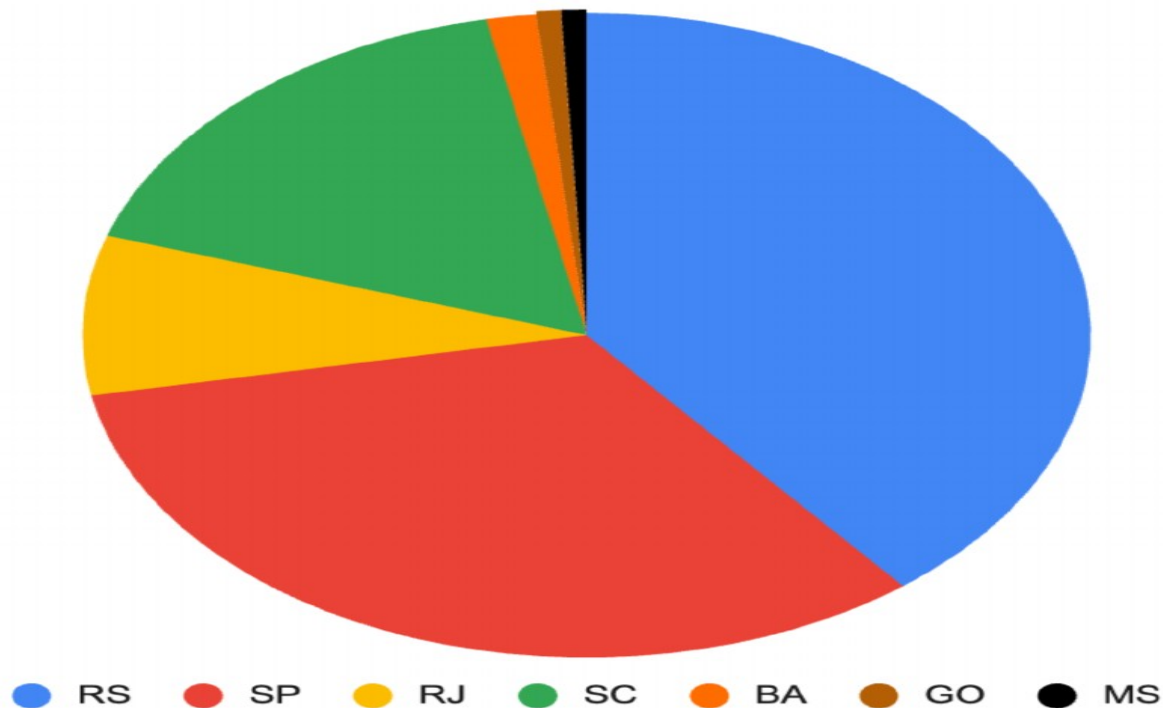


# Um breve resumo desta edição:

Número de inscritos: 150

Número de participantes: 135

<b>RS</b>	<b>49</b>
<b>SP</b>	<b>41</b>
<b>RJ</b>	<b>10</b>
<b>SC</b>	<b>21</b>
<b>BA</b>	<b>2</b>
<b>GO</b>	<b>1</b>
<b>MS</b>	<b>1</b>

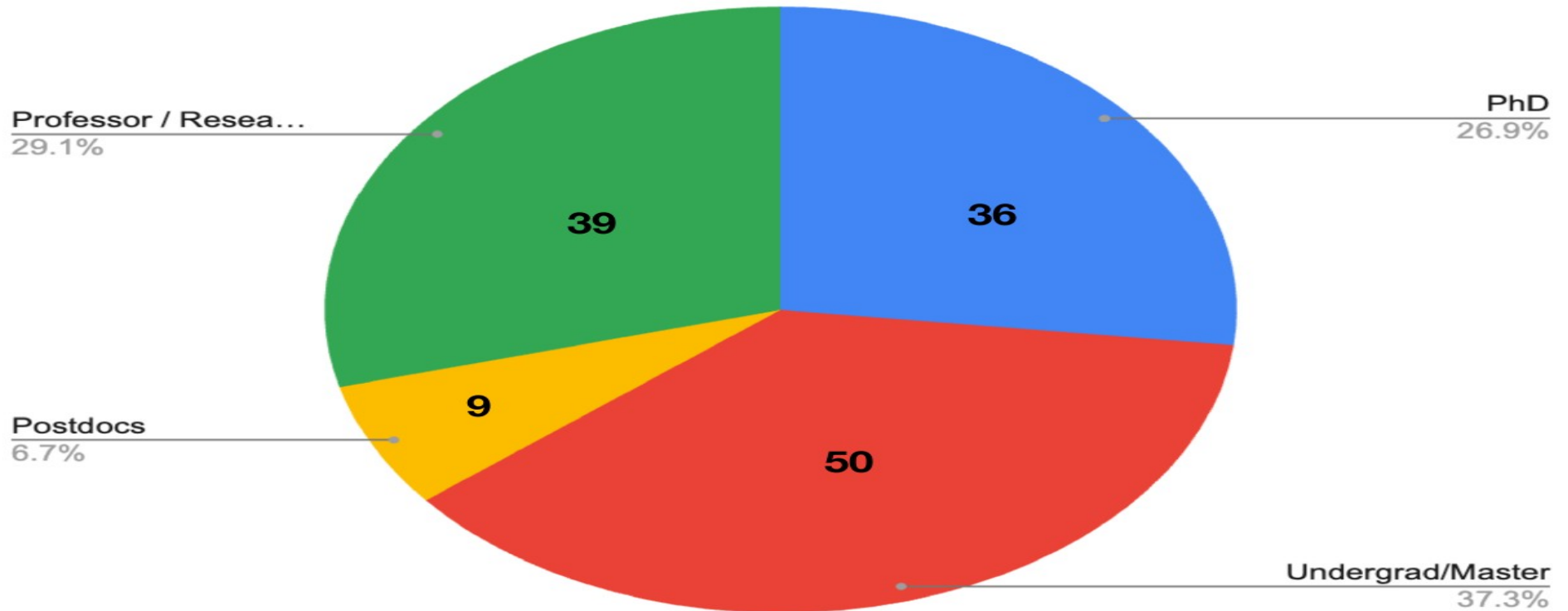




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# Um breve resumo desta edição:





Um breve resumo desta edição:





# Um breve resumo desta edição:

Financiamento:

- CAPES
- FAPERGS
- Inscrições
- FAPESP
- Projetos dos Profs. Kanchan/Alberto/Luciano
- Profa. Fernanda Steffens / Prof. Shun Chen

# Definições sobre a próxima edição:

- Quando:
- Onde:
- Comitê:

# Definições sobre a próxima edição:

- Quando: 2028
- Onde: Bahia
- Comitê: Luciano Abreu (Chair)

RS: Dyana Duarte - Gustavo Gil da Silveira

SC: Bruno Moreira - Emmanuel de Oliveira

SP: Kanchan Kemchandani - Mariana Dutra - Odilon Lourenço

RJ: Gabriel Denicol - Bruno Mintz

CO: Fábio Braghin - André Giannini



## Premiação melhores posters:

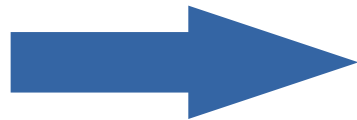
- Proposta do comitê:

Premiar os três melhores das sessões de posters.

## Premiação melhores posters:

- Proposta do comitê:

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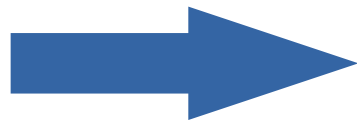


Quatro!

## Premiação melhores posters:

- Proposta do comitê:

Premiar os ~~três~~ melhores das sessões de posters.



Quatro!

O comitê agradece imensamente a todos os colegas que participaram do processo de avaliação!!

PREMIAÇÃO

(Em ordem alfabética)



**HADRONS**  
2025 Porto Alegre



## XVI International Workshop on Hadron Physics

(HADRONS 2025)

<https://indico.cern.ch/e/hadrons2025>

The Prize of Best Poster is awarded to

**Oswaldo Ferreira**

of Universidade Federal do Rio de Janeiro for the poster entitled *Pion condensation and chiral symmetry breaking in the early universe* at the 16th International Workshop on Hadron Physics (HADRONS 2025), held at Centro Cultural of the Federal University of Rio Grande do Sul, in Porto Alegre, Brazil, from March 10th to March 14th, 2025.

Prof. Dr. Victor Paulo Barros Gonçalves  
Chair HADRONS 2025

Porto Alegre, March 14th, 2025





**HADRONS**  
2025 Porto Alegre



## XVI International Workshop on Hadron Physics

(HADRONS 2025)

<https://indico.cern.ch/e/hadrons2025>

The Prize of Best Poster is awarded to

**Reinaldo Francener**

of Universidade Estadual de Campinas for the poster entitled *Tau polarization observables in neutrino - nucleus interactions at the LHC energy range* at the 16th International Workshop on Hadron Physics (HADRONS 2025), held at Centro Cultural of the Federal University of Rio Grande do Sul, in Porto Alegre, Brazil, from March 10th to March 14th, 2025.

Prof. Dr. Victor Paulo Barros Gonçalves  
Chair HADRONS 2025

Porto Alegre, March 14th, 2025



**HADRONS**  
2025 Porto Alegre



## XVI International Workshop on Hadron Physics

(HADRONS 2025)

<https://indico.cern.ch/e/hadrONS2025>

The Prize of Best Poster is awarded to

**Cristiane Yumi London**

of Universidade de São Paulo for the poster entitled *Higher-order QCD corrections to the Higgs decay into hadrons* at the 16th International Workshop on Hadron Physics (HADRONS 2025), held at Centro Cultural of the Federal University of Rio Grande do Sul, in Porto Alegre, Brazil, from March 10th to March 14th, 2025.

Prof. Dr. Victor Paulo Barros Gonçalves  
Chair HADRONS 2025

Porto Alegre, March 14th, 2025



**HADRONNS**  
2025 Porto Alegre



## XVI International Workshop on Hadron Physics (HADRONNS 2025)

<https://indico.cern.ch/e/hadrons2025>

The Prize of Best Poster is awarded to

**Haimon Trebien**

of Universidade Federal de Santa Catarina for the poster entitled *Photoproduction of light vector mesons in the dipole picture* at the 16th International Workshop on Hadron Physics (HADRONNS 2025), held at Centro Cultural of the Federal University of Rio Grande do Sul, in Porto Alegre, Brazil, from March 10th to March 14th, 2025.

Prof. Dr. Victor Paulo Barros Gonçalves  
Chair HADRONNS 2025

Porto Alegre, March 14th, 2025

Outros assuntos:

Muito obrigado a todos por  
participarem  
e  
sucesso com os desafios  
hadrônicos!!