

# Report to the General Assembly

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**IM**  
**SISTEMA  
INTERAMERICANO  
DE METROLOGÍA**

# Activities to be reported

- NCSL-I & SIM – Early career metrologist paper competition
- BIPM Young Metrologist vision 2050+
- MSc and PhD on Metrology (opportunities)





# NCSL-I & SIM

## Early career metrologist paper competition

- The competition is aimed at:
  - encouraging early career professionals in the field of metrology to introduce their scientific work to the metrology community at-large
  - introducing one's technical work to colleagues of other NMIs within the SIM Region
  - publishing the papers in the NCSLI Conference proceedings and Measure Journal
  - supporting and encouraging early career metrologists who contribute to the development of their NMI
- AWARDS:
  - First place paper winners were invited to the NCSL-I Conference 2023



# NCSL-I & SIM

## Early career metrologist paper competition

- The evaluation team:

- Claudia Santos
- James Olthoff (NCSL-I)
- Javier Arias
- Lucas de Lillo
- Marina Gertsvolf
- Rodrigo Costa-Felix

- **MANY THANKS FOR THE EFFORT OF ALL REFEREES**





# NCSL-I & SIM

## Early career metrologist paper competition

- **DEFINITION:**
  - Early Career Metrologist for the competition are metrologists who have been hired by a SIM NMI/DI member not earlier than 2018 (5 YEARS)
- **Applications (2023)**
  - 4 papers from 3 countries
    - Argentina (1); Colombia (2); Costa Rica (1)
- **Winners**
  - **1<sup>st</sup> ANDIMET**
    - Eric Ortiz Apuy (INM, Colombia)
  - **1<sup>st</sup> CAMET**
    - Jorge Luis Galvis Arroyave (LCM, Costa Rica)
  - **1<sup>st</sup> SURAMET**
    - Brenda Tenaglia Giunta (INTI, Argentina)
  - **2<sup>nd</sup> ANDIMET**
    - Sergio Luis Dávila González (INM, Colombia)



# NCSL-I & SIM

## Early career metrologist paper competition

- NCSL-I Conference (JUL2023)
  - Winners were invited to be on site in Orlando, Florida, USA





# NCSL-I & SIM

## Early career metrologist paper competition

- A reflection from previous years
  - 2023 applications
    - 4 papers from 3 countries
      - Argentina (1); Colombia (2); Costa Rica (1)
  - 2022 applications
    - 10 papers from 5 countries
      - Argentina (2); Colombia (4); Ecuador (1); Mexico (2); Panama (1)
  - 2021 applications
    - 5 papers from 4 countries
      - Brasil (1); Colombia (2); Mexico (1); Trinidad Tobago (1; abstract only)
  - 2020 applications
    - 12 papers from 5 countries
      - Haiti (1); Mexico (4); El Salvador (2); Peru (1); Colombia (4)





# NCSL-I & SIM

## Early career metrologist paper competition

- 2024 edition
  - Arrangement under negotiation
  - SIM will support 5 winners to the next NCSL-I congress
    - Details to be issued soon

**Please encourage your early career metrologists to apply to the next competition**





# BIPM Young Metrologist vision 2050+

- BIPM initiative
  - Two coordinators from each RMO
  - Fernando Andrés (LCM, Costa Rica) and Rodrigo Costa-Felix (Inmetro, Brasil)
    - SIM coordinators for that activity
- Main goal
  - Register the thoughts and feelings of the young metrologists about the “near” future
- Aligned with Goal III of SIM’s Strategic Plan 2022-2032
  - Addressing the measurement challenges of future



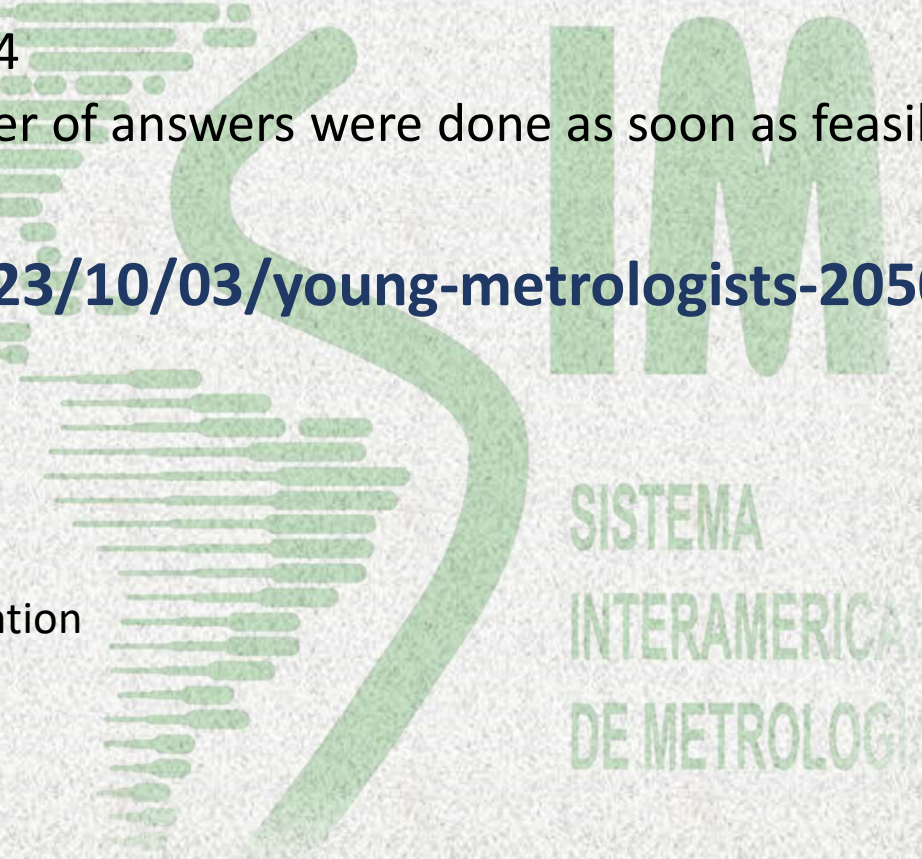


# BIPM Young Metrologist vision 2050+

- A questionnaire was circulated for all NMI and DI within SIM
  - Deadline for answering: JUN2024
  - BIPM appreciate if a large number of answers were done as soon as feasible

<https://sim-metrologia.org/2023/10/03/young-metrologists-2050-vision/>

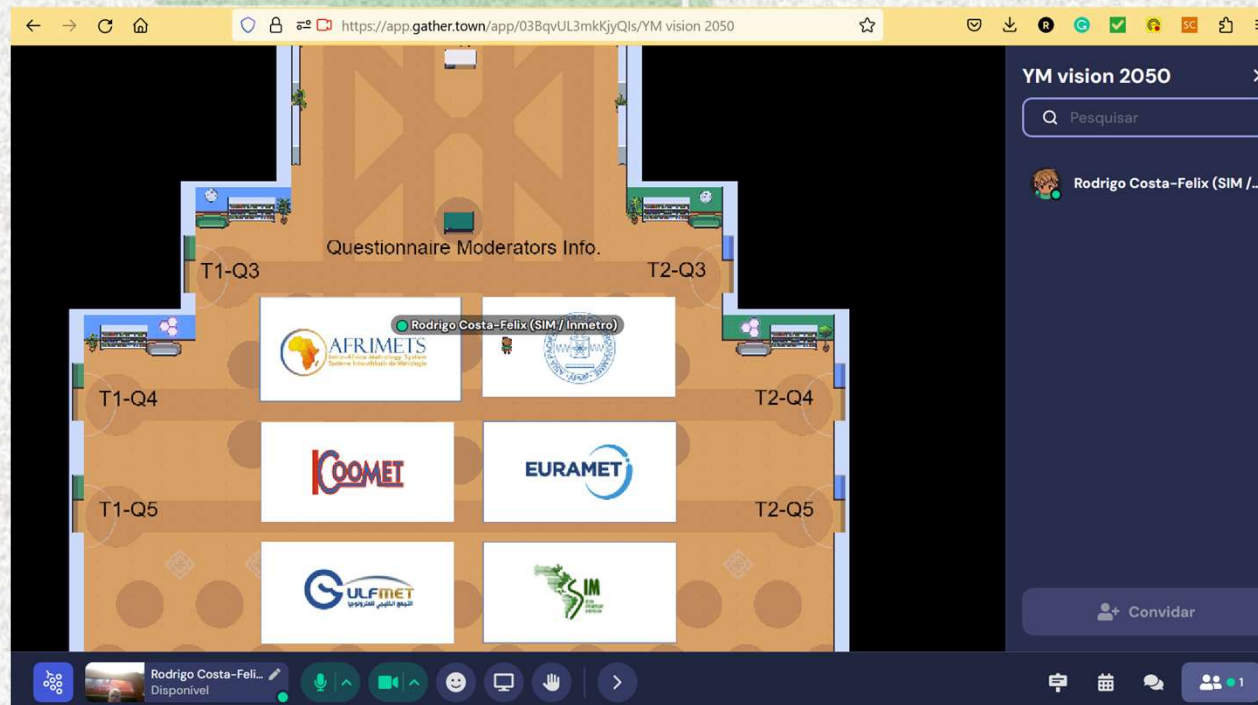
- Official disclose of results
  - 20MAY2025, at BIPM
    - 150<sup>th</sup> anniversary of Metro Convention





# BIPM Young Metrologist vision 2050+

<https://app.gather.town/app/03BqvUL3mkKjyQIs/YM%20vision%202050>



Please encourage your young metrologists to come over to the on-line SIM Gathertown



# Master degree and PhD on Metrology at Inmetro

- **AVAILABLE COURSES – started in 2019**
- Master and Doctor degrees
  - *Stricto sensu*
- Selection: until Jan 10<sup>th</sup> 2024
  - [http://www.inmetro.gov.br/ensino\\_e\\_pesquisa/ppgm/](http://www.inmetro.gov.br/ensino_e_pesquisa/ppgm/)
- Up to 30 students (20 MSc + 10 DSc) will be selected
- The applications and selection are totally on-line
- Possibility of scholarship
- **Classes in Portuguese (special classes for foreign in English)**

**NMI and DI members are welcome. Some examples of success are available: LATU – first master in 2011; INTN – master in 2022)**



# New opportunities to come ...

- **Please, let me know**

- All kind of training and capacity building opportunities are welcome
- Trainings, courses, workshops and other capacity building offers may be sent to [rpfelix@inmetro.gov.br](mailto:rpfelix@inmetro.gov.br)







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QUESTIONS?

<https://sim-metrologia.org/about-us/>

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