Report to the General Assembly

Rodrigo Costa-Felix
Professional Development Coordinator
10NOV2023
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
  • 1st ANDIMET
    • Eric Ortiz Apuy (INM, Colombia)
  • 1st CAMET
    • Jorge Luis Galvis Arroyave (LCM, Costa Rica)
  • 1st SURAMET
    • Brenda Tenaglia Giunta (INTI, Argentina)
  • 2nd 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 questionary 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
    • 150th 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 10th 2024
  • 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
QUESTIONS?

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

Rodrigo Costa-Felix
rpfelix@inmetro.gov.br