

**SIM General Assembly**  
**18-19th November**  
**2020**

# **SIM WEEK 2020**

# **PRESIDENT'S REPORT**

**Claire Saundry**  
**SIM President**

**SISTEMA**  
**INTERAMERICA**  
**DE METROLOGIA**

# SHARING EXPERIENCES:

June 2020

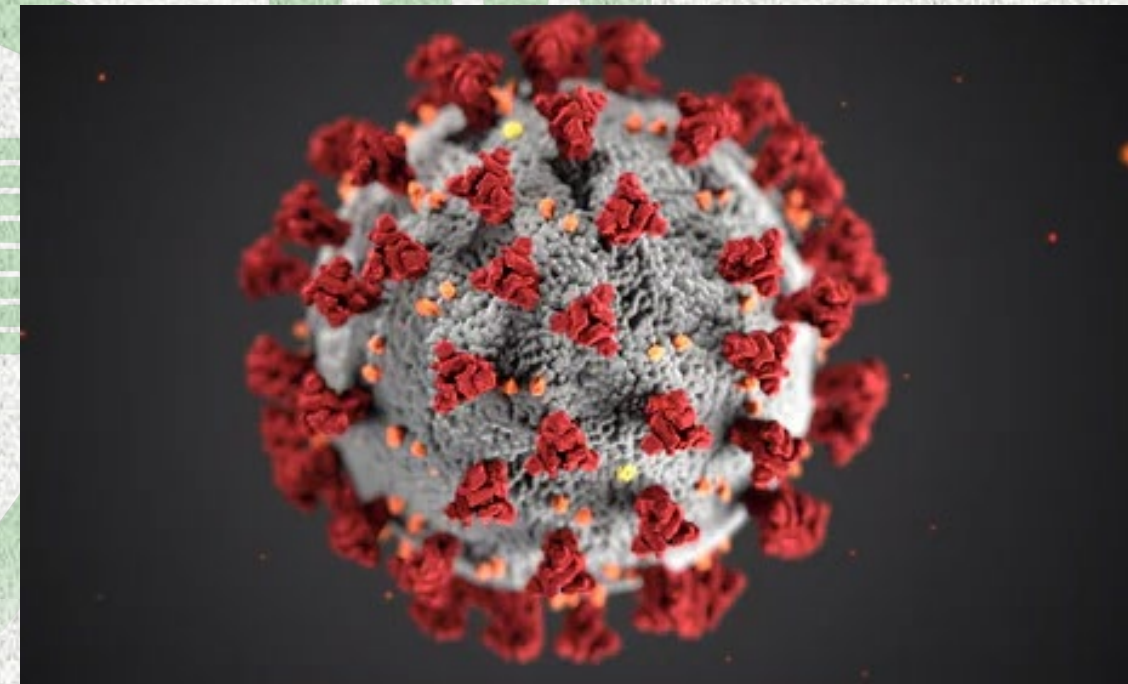


AMERICA  
ROLOGI

# SIM Members Responding

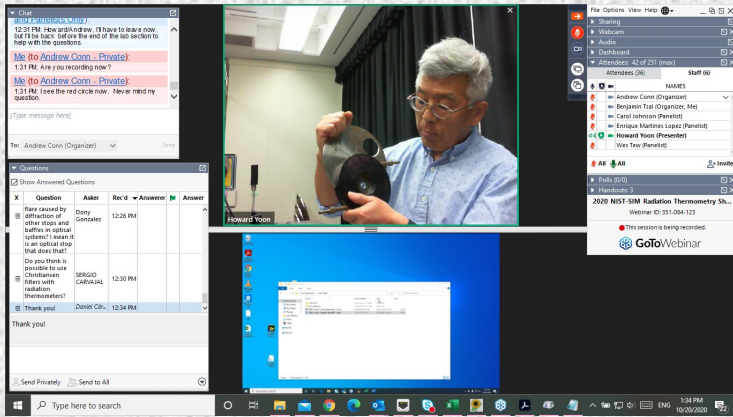
- CENAM (Mexico): measurement sensors in ventilator prototypes:  
[https://www.bipm.org/utis/common/pdf/COVID-19-repository/CENAM\\_summary.pdf](https://www.bipm.org/utis/common/pdf/COVID-19-repository/CENAM_summary.pdf)
- INTI (Argentina): low cost alternative ventilators, temperature measurements, UV; textiles for PPE [https://www.bipm.org/utis/common/pdf/COVID-19-repository/INTI\\_summary.pdf](https://www.bipm.org/utis/common/pdf/COVID-19-repository/INTI_summary.pdf)
- INMETRO – supporting the development of a pulmonary ventilator  
<https://www4.inmetro.gov.br/coronavirus>
- IBMETRO (Bolivia): mechanical respirators
- INEN (Ecuador): Infrared thermometers for clinical diagnosis  
[https://www.bipm.org/utis/common/pdf/COVID-19-repository/INEN\\_summary.pdf](https://www.bipm.org/utis/common/pdf/COVID-19-repository/INEN_summary.pdf)
- LACOMET (Costa Rica): 3-D printing masks, ventilator fans, ethanol content in sanitizers [https://www.bipm.org/utis/common/pdf/COVID-19-repository/LACOMET\\_summary.pdf](https://www.bipm.org/utis/common/pdf/COVID-19-repository/LACOMET_summary.pdf)
- NIST (USA) [common/pdf/COVID-19-repository/NIST\\_summary.pdf](https://www.bipm.org/utis/common/pdf/COVID-19-repository/NIST_summary.pdf)
- NRC (Canada) Test bench for N95 respirators  
<https://nrc.canada.ca/en/corporate/nrc-covid-19-response>

SOURCE <https://www.bipm.org/en/worldwide-metrology/covid-19-metrology.html>



# Recent Activities

- Women in Metrology (11-2019) Colombia
- “Optimizing the CIPM MRA - the KCDB 2.0” (11-2019) BIPM and CBKT Virtual Training (9-2020)
- InterAmerican Development Bank (12-2019)
- OAS Committee on Science and Technology - (12-2019 and 07-2020)
- NCSLI Tech Exchange (02-2020) USA
- Proficiency Testing Course (3-2020) Colombia
- Early Career Metrologist Competition 2020
- Workshop on Metrology and Digital Transformation – SIM-PTB (Virtual, 07-2020)
- COVID-related projects:
  - Calibration of non-contact IR thermometers and screening cameras for human body temperature readings( 09-2020)
- QICA Brochure



# Support for SIM Activities



## **Inter-American Development Bank (IADB)**

- Strengthening National Metrology Institutes in the Hemisphere, in support of Emerging - COMPLETED
- Strengthening NMIs in health-related metrology areas and in digitalizing processes (APPROVED!)

## **Organization of American States (OAS)**

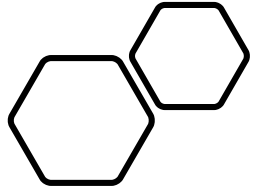
- Advancing Metrology for Sustainable Energy Technologies and the Environment in the Western Hemisphere
- Advancing Metrology for Energy Efficient Measurements and Compliance in Central America and the Dominican Republic

## **German Development Fund/PTB**

- Develop QI Service for Biodiversity and Climate Change
- Promoting Innovation in the Green Economy with QI

## **NIST support for trainees and guest researchers**

- Capacity Building and Research Exchanges
- NCSL International Technical Exchange for training
- COVID related Metrology efforts: IR Temperature and UV



# Memories





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

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QUESTIONS?