



**NCSL INTERNATIONAL**  
*Serving the World of Measurement*



**NCSL International**

**EURAMET**

**General Assembly 2022**

**Vienna**

# NCSL International



**Robert Knake**

NCSL International  
President 2021-2022



**Craig Gulka**

NCSL International, Executive  
Director

# NCSL International

## A Professional Trade Organization



NCSLI is a professional, member-based organization, aimed at providing the best opportunities for, learning, understanding, enhancing, exchanging and presenting the applications and advancements of Measurement Science, across a broad range of disciplines to experts and practitioners.

### VISION

Be the world's recognized source for measurement science expertise and information

### MISSION

To provide the best opportunities for the world's measurement science experts and practitioners

- to network and exchange information;
- to promote measurement education and skill development; and
- to develop means for organizations to resolve measurement challenges







WORKSHOP & SYMPOSIUM

# NOURISHING METROLOGY PROFESSIONALS

*Where*  
**GAYLORD  
TEXAN**  
GRAPEVINE, TEXAS

*When*  
**AUGUST  
20-24  
2022**

*Why*  
**YOUR  
CAREER  
MATTERS**

NCSL INTERNATIONAL | NCSLI.ORG | 303.440.3339

**Attend, Exhibit, Sponsor!**  
Gaylord Texan, Grapevine, TX

Tutorial Program –  
Committee Meetings  
Technical Program  
Exhibition Hall

Keynote Address  
Poster Sessions  
Committee Meetings  
Networking

**Complete  
Conference Information**  
[www.ncsli.org](http://www.ncsli.org)

# Conference Schedule Highlights

August 20-21	Board of Directors Meeting	(Sat - Sun)
August 20-21	Tutorial Program	(Sat - Sun)
August 22-24	Trade Show 100+ Exhibitors	(Mon - Wed)
August 23-24	Technical Program	(Tue - Wed)
August 22	Poster Session	(Tue - Wed)

# TECHNICAL EXCHANGE



MEASUREMENT TRAINING PROVIDED BY NCSL INTERNATIONAL

**NOW  
ONLINE!**

**REGISTER TODAY!**

**Wednesdays  
10:00 AM –  
2:00 PM (MT)**





# Call for Tutorial Instructors

If you know someone that would like to teach a class during one of our training events please contact me.

[cgulka@ncsli.org](mailto:cgulka@ncsli.org)

1-303-440-3385

# Committee Week Q2 | June 14, 16, 21, 23, 28, 2022

All times are in Mountain Time (MT)

## Tuesday, June 14, 2022

8:00 AM (MT) Accreditation Resources & Liaison Committee  
10:00 AM (MT) ACS Z540 Committee  
12:00 PM (MT) Calibration Resources Committee  
2:00 PM (MT) Testing Lab Committee

## Thursday, June 16, 2022

8:00 AM (MT) Automotive Metrology Committee  
10:00 AM (MT) Metrology Practices Committee  
12:00 PM (MT) Measurement Information Infrastructure (MII) & Automation Committee  
2:00 PM (MT) Calibration Procedures Committee

## Tuesday, June 21, 2022

8:00 AM (MT) Intrinsic Standards Committee  
10:00 AM (MT) Educators' Corner Committee  
12:00 PM (MT) Energy & Renewable Metrology Committee  
2:00 PM (MT) Legal Metrology Committee

## Thursday, June 23, 2022

8:00 AM (MT) Airline & Aerospace Metrology Committee  
10:00 AM (MT) Early Career Professionals  
12:00 PM (MT) Dimensional Metrology Committee  
2:00 PM (MT) Measurement Comparison Programs Committee

## Tuesday, June 28, 2022

10:00 AM (MT) Healthcare Metrology Committee



# NCSLI Journal Measure



- NCSLI Publisher
- Online archive for members
- Web of Science Indexing

**Submit an article**

<https://mc.manuscriptcentral.com/measure>



## The Journal of Measurement Science

*NCSLI Measure* is an international journal dedicated to metrology, "the science of measurement." Published quarterly since 2006, the journal's target audience is practitioners and researchers in the field of metrology, including laboratory managers, scientists, engineers, statisticians, and technicians.

Each issue features technical articles that cover a variety of metrology related topics, including: primary and secondary measurement standards, measurement techniques, international comparisons, metrological traceability, uncertainty and statistical analysis, laboratory accreditation and management, and new advances in measurement science.

Past issues include measurement topics such as; chemical, dimensional, electrical, flow, force, humidity, mass, optical, pressure, temperature, time and frequency, and voltage. In addition, each issue features the latest news items from the metrology world, and special features such as interviews with prominent metrology professionals.

Now open for Submissions!

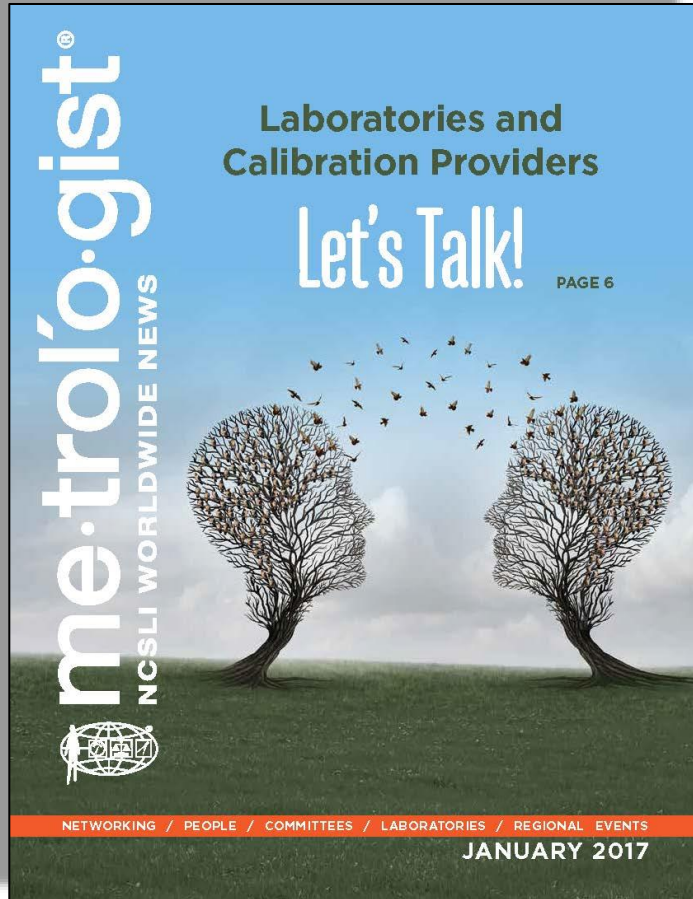
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# Metrologist Magazine



- Online archive [www.ncsli.org](http://www.ncsli.org)
- NCSLI would like to publish
  - **EURAMET News**
  - **NMI Interview**

**[Istone@ncsli.org](mailto:Istone@ncsli.org)**

## Handbooks ISO/IEC and Z540

### ISO/IEC 17025:2017

Handbook provides discussion and guidance for most subclauses in the Standard along with representative examples and best practices. The intended audience is any laboratory who desire to establish calibration policies compliant to ISO/IEC 17025:2017 whether they seek accreditation or not.

### Z540.1-1994 Handbook

The Handbook is written to assist calibration laboratories and other users of Measuring and Test Equipment (M&TE) when implementing the requirements of the American National Standard, "Calibration Laboratories and Measuring and Test Equipment - General Requirements" ANSI/NCSL Z540-1-1994, and assessors when assessing a calibration laboratory's compliance to the requirements of ANSI/NCSL Z540-1-1994.

### Z540.3-2006 Handbook

ANSI/NCSL Z540.3-2006, Requirements for the Calibration of Measuring and Test Equipment, prescribes requirements for a calibration system to control the accuracy of the measuring and test equipment used to ensure that products and services comply with prescribed requirements. This document is commonly referred to in this Handbook as the National Standard or Standard. This Handbook provides discussion and guidance for sub-clauses of the Standard, and furnishes representative examples that address key aspects of the topics discussed. As the Standard is a requirements oriented document, "how to" type information is limited as implementation may vary within and among organizations.



# JOIN US!



## NCSL INTERNATIONAL

Membership opens doors to personal growth and career advancement



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## NCSL INTERNATIONAL

### BENEFITS INCLUDE:

- Community Leadership
- Professional Development
- Technical Collaboration
- Measurement Knowledge
- Customer Exposure
- Technical Publications and Laboratory Management Guides

### MEMBERS INCLUDE:

- Individual Professionals
- Business Groups
- National and International Measurement Bodies
- Educational Institutions
- Educators
- Early Career Professionals
- Students

## JOIN TODAY!



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# Thank you