



# ISWM UNIVERSITY 2017

**MARCH 15-17, 2017**

**NASHVILLE AIRPORT HOTEL  
NASHVILLE, TN**

**[www.iswm.org](http://www.iswm.org)**



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2017**

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## SCHEDULE OF EVENTS

### Wednesday, March 15, 2017

- **ISWM Executive Committee Meeting**  
9:00 a.m. to 10:00 a.m.  
Ocoee Room
- **ISWM Board of Directors Meeting**  
10:00 a.m. to 4:00 p.m.  
Ocoee Room
- **Handbook 44 Training and Testing**  
10:00 a.m. to 4:00 p.m.  
Mississippi Room
- **Table Tops Set-Up and Registration Opens**  
2:00 p.m. to 5:00 p.m.  
Belle Meade Ballroom Terrace
- **Opening Reception (Cash Bar)**  
6:00 p.m. to 8:00 p.m.  
Belle Meade Ballroom

### Thursday, March 16, 2017

- **Morning and Afternoon Educational Programming**  
9:00 a.m. to 12:15 p.m.  
1:15 p.m. to 5:30 p.m.  
Belle Meade Ballroom
- **Table Top Exhibits**  
8:30 a.m. to 5:30 p.m.  
Belle Meade Ballroom Terrace
- **Lunch**  
12:15 p.m. to 1:15 p.m.  
Jackson's Veranda

### Friday, March 17, 2017

- **Morning Education Programming**  
8:30 a.m. to 12:00 p.m.  
Belle Meade Ballroom
- **Table Top Exhibits**  
8:30 a.m. to 12:00 p.m.  
Belle Meade Ballroom Terrace

## PROGRAM HIGHLIGHTS

### The Cloud and the Scale Industry

Paul Batson, President • TSW Automation, Inc.

"The Cloud" is the biggest disrupting force in our economy today. It reaches to nearly every industry, including weighing and measurement. This talk includes an overview of the technical impact of the Cloud on the scale industry today and insights into where things are headed.

### Hydrostatic Load Cells and Their Impact on Heavy Industry Weighing

Rudi Baisch, Executive Vice President • Emery Winslow

This session will focus on Hydrostatic load cells and the advantages of this technology, particularly in harsh environments, including applications subject to heavy wash down or flooding, or exposed to corrosion, lightning, power surges, explosive conditions, and even rodents (think waste transfer facilities and landfills).

### How & Why Does the North American Less-Than-Truckload (LTL) Industry Use Scales and Multi-Dimension Measuring Devices (MDMD)?

Donald Newell • North American Motor Freight Trucking Association

A variety of scales have been in use by the LTL industry of North America for decades. LTL Carriers use the forklift mounted scales and platform scales on their freight docks to check the accuracy of shipment weights against the weight declared on the bill of lading by the shipper. Why? Why do they also use truck scales? Why have LTL Carriers deployed hundreds of MDMD in their terminals? Don will address both scale and MDMD use in the North American LTL industry and answer questions from the audience.

### Ethernet Communications (*Hands on - bring your laptop!*)

Jim Daggon, Senior Product Engineer, Emerging Technologies • Rice Lake Weighing System

Jim will cover the basics and practical applications on: what Ethernet is and is not; what the different types of Ethernet that are found in the field; how to design and install an Ethernet System; how to connect to and troubleshoot Ethernet Systems with free tools; and wireless Ethernet and its different variants.

### Know Before You Go

Karl Cornelius, National Sales Manager • Powerforce, LLC the US Agent for PENKO Engineering

Today manufacturer's partners are more and more concerned with "Increased Throughput," "Reduced Downtime," and "Avoidance of Unscheduled Downtime." Partners are becoming more aggressive to find advantages to improve the bottom line. This demanding environment requires distributors and service groups to respond more quickly and efficiently. With new technologies it is now many times possible to remotely test weighing systems, determine problems, and help engineers find the underlining issues. Remote testing can many times be done over the Internet and allow the technician to "Know Before You Go," saving time and resources.

This presentation will review some of the basics of preparation and also introduce new technologies, which will greatly enhance your knowledge. These technologies allow weighing systems to be accessed through the implementation of T.E.D.S. Compliant Load Cells and Intelligent Load Cell junction units. Specific fault diagnostic information can be provided from a control panel or even remotely via an internet connection. This diagnostic information is available in minutes, which greatly reduces response time.

### Tennessee OSHA Consultative Services and Their Free On-Site Evaluation Services

Terry Hopkins, Occupational Safety Specialist • Tennessee OSHA Consultative Services

This session will discuss the Tennessee OSHA Consultative Services. The program is offered to employers, especially smaller employers, to assist them in achieving a safe and healthful workplace for their employees without fear of citations or penalties. TOSHA Consultation offers both occupational safety and industrial hygiene services to manufacturing, construction, and other types of businesses in Tennessee. This no-cost service is designed to assist employers in developing or enhancing safety and health management systems.



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## REGISTRATION INFORMATION



**ISWM UNIVERSITY 2017**

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# REGISTRATION FORM

### REGISTRATION FEES

#### By February 14

	Member	Non-Member
First Company Employee	\$125.00	\$165.00
Additional Company Employees	\$100.00 ea	\$140.00 ea

#### After February 14

	Member	Non-Member
First Company Employee	\$135.00	\$175.00
Additional Company Employees	\$110.00 ea	\$150.00 ea

#### Registration includes:

- First rate educational programming
- Manufacturer table tops
- Opening Night Reception
- Buffet lunch on Thursday

#### Optional Event Handbook 44 Training and Testing Wednesday, March 15, 2017

This six-hour session will include training on Handbook 44 followed by an open book test. All participants in Handbook 44 training and testing will receive a copy of the 2017 Scale Code Field Manual (a direct copy of NIST Handbook 44).

### HOTEL RESERVATIONS

#### Nashville Airport Hotel

2200 Elm Hill Pike • Nashville, TN 37214

Telephone: 844-886-4136

www.thenashvilleairporthotel.com

#### Room Rate

Single/Double \$119.00\*

\* plus sale tax of 9.25%, 6% city hotel fee, and a \$2.50 per night per room occupied room tax.

#### Please make your hotel reservation by February 14, 2017 to receive the conference rate.

Please reference "ISWM 2017 Technical Conference" and "Nashville Airport Hotel" when making your reservation.

### QUESTIONS?

Karen Hutchison, Executive Director

Phone: 240-753-4397

Fax: 866-285-3512

Email: Karen@iswm.org

### CANCELLATION POLICY

Written notice of cancellation is required and must be received by February 14, 2017. No refunds will be given after February 14.

### SPECIAL SERVICES

The International Society of Weighing and Measurement supports the Americans with Disabilities Act, which promotes public accessibility for the disabled. If you require special services, please attached a description of your needs to your Registration Form.

### EASY WAYS TO REGISTER

**By Mail:** ISWM, 13017 Wisteria Drive, #341, Germantown, MD 20874

**By Fax:** 866-285-3512

### CONFERENCE REGISTRANT INFORMATION

ISWM Member?  Yes  No

Name

Firm

Address

City

State

Country

Zip/Postal Code

Telephone

E-mail

**Special Needs** - Please specify if you need accessibility that meets the regulations of the Americans with Disabilities Act.

### EMPLOYEE CLASSIFICATION

Please check the category that best describes your business:

- Manufacturer  Consumer  Dealer Distributor  
 Regulatory Official  Importer/Exporter  Retired

### REGISTRATION FEES

Your registration includes the opening reception, tabletop exhibits, two days of educational programming, and lunch on Thursday.

ISWM UNIVERSITY	By February 14, 2017	After February 14, 2017
<b>Member</b>		
First Company Employee	<input type="checkbox"/> \$125	<input type="checkbox"/> \$135
Additional Company Employee	<input type="checkbox"/> \$100 each	<input type="checkbox"/> \$110 each
<b>Non-Member</b>		
First Company Employee	<input type="checkbox"/> \$165	<input type="checkbox"/> \$175
Additional Company Employee	<input type="checkbox"/> \$140 each	<input type="checkbox"/> \$150 each
<b>OPTIONAL EVENT</b>		
Handbook 44 Training and Testing	<input type="checkbox"/> \$95	<input type="checkbox"/> \$125

**TOTAL \$** \_\_\_\_\_

### PAYMENT INFORMATION

**Registration forms received without full payment will not be processed.**

- Check enclosed, made payable to ISWM Check # \_\_\_\_\_  
 Credit Card  VISA  MasterCard  American Express

Credit card number

Exp. Date

Cardholder's Name

Cardholder's Signature

I authorize the ISWM to charge my credit card for the amount indicated above.