

8° EDITION

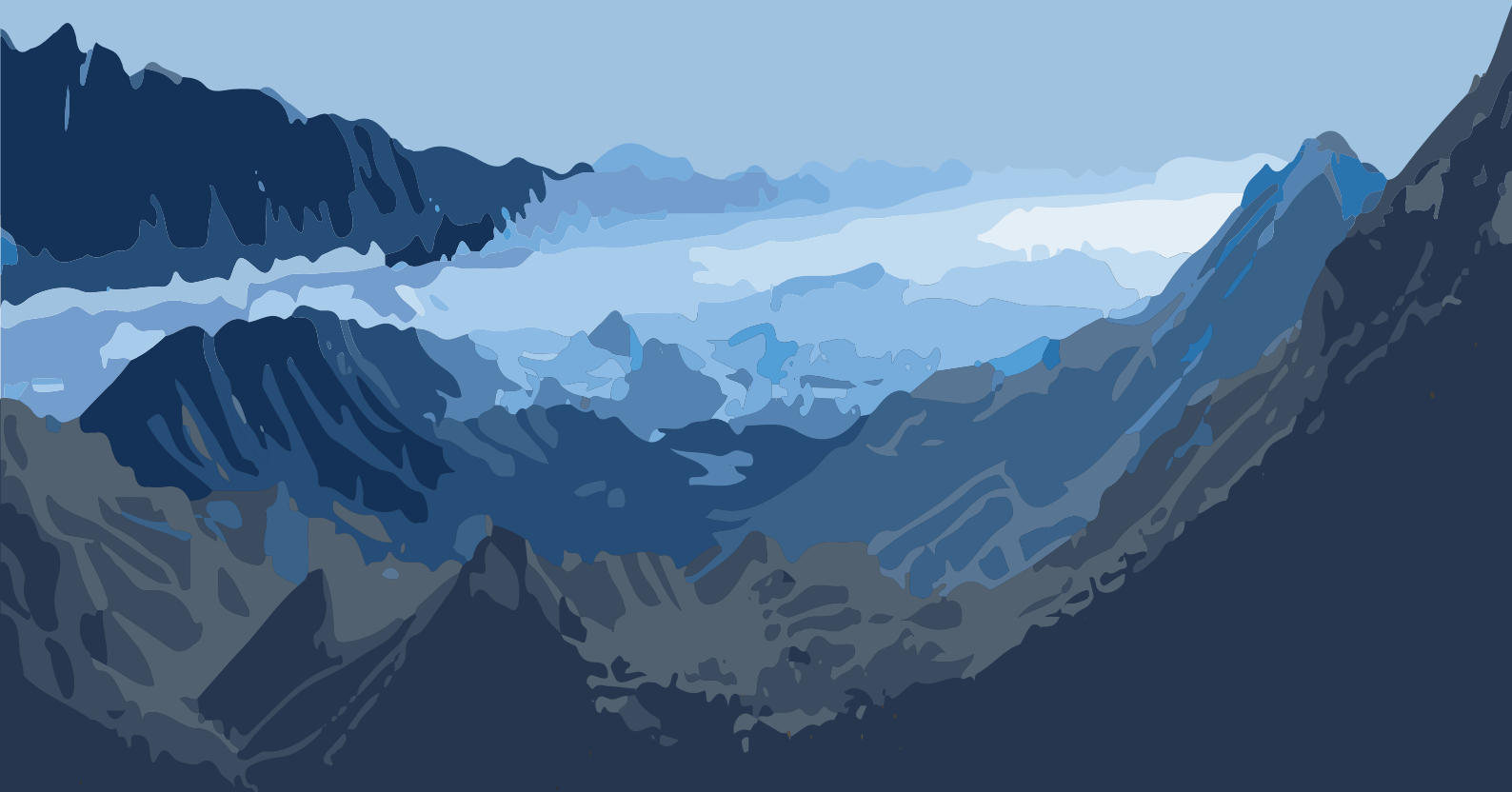


PROGRAM

AMI TECH SEMINAR

A week of training in drive systems, controls,
and global solutions for your business.

OCTOBER 02-05, 2023



For more information:
AMITech@amiautomation.com

Chipinque Ecological Park
Cintermex, Monterrey, México

INDUSTRIAL SYSTEMS

We specialize in process automation for heavy industry through highly customized energy conversion equipment and high-performance control solutions. Our knowledge and experience encompass industries such as Steel, Paper, Cement, Mining, Oil, Non-Ferrous Metals, among others. We stand out for our flexibility to adapt to the needs of our customers, the ability to provide tailor-made solutions, and the capacity to offer prompt and efficient service and support, including remote assistance.

8TH AMITECH SEMINAR

We are pleased to announce the return of our in-person event, providing a valuable opportunity to meet with experts and explore innovative solutions for enhancing and modernizing Drives Systems (AC and DC), Power Rectifiers, SVC (Static Var Compensator), LCI (Load Commutated Inverter), Cyclo-Converters, as well as Induction, Synchronous, and Direct Current Motors. Additionally, you will have the chance to learn about our latest advancements in Artificial Intelligence and Vision Applications for Heavy Industry. Join us at the **International Business Center, CINTERMEX, in Monterrey, Mexico, from October 2nd to 5th, 2023.**

ABOUT THE SEMINAR

Attendees of the 8th edition of the AMITech Seminar will have the opportunity to participate in over 15 technical presentations and 3 workshops where they can interact with other professionals who use the same equipment and systems in various industries we serve, such as Metals, Paper, Cement, Mining, among others.

WHO SHOULD ATTEND?

The seminar is ideal for maintenance personnel, operation staff, engineers, project managers, and quality control professionals who are involved in motor and drives applications, as well as power electronics.

HOW TO GET THERE?

Location: CINTERMEX, Av. Fundidora No. 501, Col. Obrera Monterrey, N.L., Mexico C.P. 64010. The Seminar will take place in Room 201-202, the entrance is located in the hall 2 on the second floor of the venue.

Parking: Zone E1, entrance on Avenida Fundidora, in front of Isaac Garza street (single fee \$100 mxn) and Underground, following the lateral cones on Avenida Fundidora (maximum fee per day \$90 mxn).

*Parking costs not included in the event registration.

HOTELS

Hotel Antaris Cintermex

Av. Fundidora 500, Col. Obrera, Monterrey, N.L., C.P. 64010.

Phone: +52 (81) 8130.1814 / +52 (81) 8130.1817

Mail: reservasgalerias@hotelantaris.com

Website: www.hotelantaris.com

Event code: **AMITECH SEMINAR**

*Hotel with direct access to the convention center.

Hotel Holiday Inn Express Fundidora

Av. Fundidora 200, Col. Obrera, Monterrey, N.L., C.P. 64010.

Phone: +52 (81) 3674.7704

Mail: reservaciones@hiefundidora.com

Website: www.hiexpress.com

Event code: **AMITECH SEMINAR**

*Hotel with direct access to the convention center.

OUR SPEAKERS

AMI AUTOMATION
SPEAKERS



Bernardo Sainz
*Industrial Systems
Director*



Rommel Villarreal
*Drives Engineering
Manager*



Mariana Viale
*Advanced Solutions
Manager*



Jorge Haros
*Product Design and
Quality Engineering
Manager*



Pablo García
Applications Engineer



Jesús Soto
*Application Engineering
Manager*



Eric Martínez
Drives Project Engineer



Rosendo Cabral
*Specialized Services
Manager*



Gilberto Castillón
*Integration Engineer
Manager*

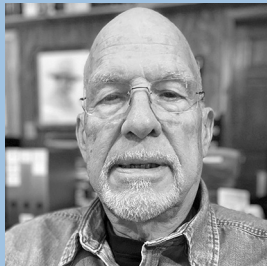


Minemura Kesaaki
*Project Manager
Resonac*

INTERNATIONAL
SPEAKERS



Bruno Passerini
*Green Power Solutions
President*



Chuck LeMone
*LeMone Enterprises
Inc. President*

PROGRAM

Day 1
Monday 2nd, October

- 09:00 Registration
- 12:00 Welcome
- 13:00 Lunch*
[ROOM 201](#)
- 14:00 DigiFCR SVC (Static Var Compensator)
& DigiFCR X4
- 15:00 DigiValve: A sustainable Solid-State AC
Switch
- 16:30 CPE (Constant Potential Exciter)
- 17:30 Closing remarks
[ROOM 202](#)
- 14:00 DigiGear SS & DigiQuad
- 15:00 PXC & ICC (High Performance Power
Conversion Controllers)
- 16:00 SmartKnB: A powerful tool for developing
Intelligent Control Systems
- 17:30 Closing remarks
- 19:00 *Golf Tournament at Topgolf Monterrey*

Day 3
Wednesday 4th, October

- 09:00 Registration
[ROOM 201-202](#)
- 09:30 Recent Synchronous Motor Field
problems and associated resolutions
- 11:00 Condition-based Maintenance (CBM)
- 12:00 Smart Operator Interface: Multi-touch
Human-machine Interface
- 13:00 Lunch*
- 14:00 Workshop: Motor & Drives Selection
(theoretics)
- 15:00 Workshop: Motor & Drives Selection
(practice)
- 17:30 Closing remarks
- 19:00 *Dinner at Chipinque Ecological Park*

2023 OCTOBER						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
						01
02	03	04	05	06	07	08
09	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Day 2
Tuesday 3th, October

- 09:00 Registration
[ROOM 201-202](#)
- 09:30 DigiFEX and MPCs: Digital Field Exciters
and Motor Protection Controllers
- 11:00 Migration Path for GE vintage Drives
Systems
- 13:00 Lunch*
- 14:00 Understanding ground current effects
using common isolation XFMR
- 15:00 TM10e3 (wall mounted, LY10) & Tru
Torque Control (Adaptive DDT)
- 16:00 Workshop: Use of available tools for
Troubleshooting
- 17:30 Closing remarks
- 19:00 *Steel Museum and Horno 3 Show*

Day 4
Thursday 5th, October

- 09:00 Registration
[ROOM 201-202](#)
- 09:30 Replacing copper with high-performance
aluminum alloys
- 10:30 Dual Purpose Product
- 11:30 AC vs DC
- 13:00 Lunch*
- 14:00 DigiLCI (Load Commutated Inverter)
- 15:30 DigiCYC (Cycloconverter)
- 16:30 Enhancing Process Control: Vision and
AI Solutions for the Industry
- 17:30 Closing remarks
- 19:00 *Plant Tour and Barbecue at AMI*

*Lunch will be serve in Oceanía and Antártida rooms

SCHEDULE

Hour	MONDAY		TUESDAY	WEDNESDAY	THURSDAY
(GMT -5)	Room 201	Room 202	Room 201-202	Room 201-202	Room 201-202
09:00	Registration		Registration	Registration	Registration
09:30			DigiFEX and MPCs: Digital Field Exciters and Motor Protection Controllers Jorge Haros	Recent Synchronous Motor Field problems and associated resolutions Chuck LeMone	Replacing copper with high-performance aluminum alloys Bruno Passerini
10:00					Dual Purpose Product Rommel Villarreal
10:30					
11:00			Migration Path for GE vintage Drives Systems Rommel Villarreal and Gilberto Castillón	Condition-based Maintenance (CBM) Minemura Kesaaki	AC vs DC Bernardo Sainz
11:30					
12:00	Welcome		Smart Operator Interface: Multi-touch Human-machine Interface Gilberto Castillón	Smart Operator Interface: Multi-touch Human-machine Interface Gilberto Castillón	AC vs DC Bernardo Sainz
12:30					
13:00	Lunch		Lunch	Lunch	Lunch
13:30					
14:00	DigiFCR SVC (Static Var Compensator) & DigiFCR X4 Pablo Garcia	DigiGear SS & DigiQuad Jorge Haros	Understanding ground current effects using common isolation XFMR Eric Martínez	Workshop: Motor & Drives Selection Workshop (theoretics) Jesús Soto	DigiLCI (Load Commutated Inverter) Eric Martínez
14:30					
15:00	DigiValve: A sustainable Solid-State AC Switch Jorge Haros	PXC & ICC (High-Performance Power Conversion Controller) Gilberto Castillón	TM10e3 (wall mounted, LY10) & Tru Torque Control Rommel Villarreal	Workshop: Motor & Drives Selection Practice (practice) Jesús Soto	DigiCYC (Cycloconverter) Rommel Villarreal
15:30					
16:00	CPE (Constant Potential Exciter) Gilberto Castillón	SmartKnB: A powerful tool for developing Intelligent Control Systems Mariana Viale	Workshop: Use of available tools for Troubleshooting Rosendo Cabral	Workshop: Motor & Drives Selection Practice (practice) Jesús Soto	Enhancing Process Control: Vision and AI Solutions for the Industry Mariana Viale
16:30					
17:00					
17:30	Closing remarks	Closing remarks	Closing remarks	Closing remarks	Closing remarks
19:00	Golf Tournament at Topgolf Monterrey		Steel Museum and Horno 3 Show	Dinner at Chipinque Ecological Park	Plant Tour and Barbecue at AMI

*Seminar schedules are subject to change without notice.

TOPGOLF

AMITECH SEMINAR

GOLF TOURNAMENT

Monday, October 2nd - 7:00 PM

REGISTER NOW!

Confirm your participation when registering for the seminar.

STEEL MUSEUM Y HORNO 3 SHOW

Join us to have an interactive experience at the Steel Museum, where you will find a comprehensive exhibition on the history and manufacturing process of steel, as well as other exhibits related to the steel industry. After exploring the museum, we invite you to a welcome reception in the impressive original structure of Fundidora Park, which used to be a coke blast furnace used in steel production. During an immersive show, you will witness the old operation and learn about the origins of Fundidora. We look forward to welcoming you to enjoy this unique experience!

www.horno3.org

Tuesday, October 3rd
7:00 PM
Entrance included with seminar registration
Transportation included: Cintermex-Horno 3-Cintermex

CHIPINQUE ECOLOGICAL PARK

This edition of the seminar focuses on Chipinque Ecological Park, the main natural reserve that borders the Metropolitan Area of Monterrey. Come dressed in your most comfortable attire and join us for a Mexican dinner with Mariachi surrounded by the iconic mountains of our city.

Parque Ecológico Chipinque | 10.04.23 | 19:00 hours

Departure at 6:30 PM - Estimated return at 11:00 PM

Transportation included from Cintermex - Chipinque – Cintermex

MONTERREY

Monterrey is a highly developed city in Mexico, with a population of approximately 4.6 million inhabitants. It is recognized for its prominent industrial and commercial activity, being a significant exporter of manufactured goods. Known as the Industrial Capital of Mexico, Monterrey is considered one of the cities with the best quality of life in the country and the seventh in Latin America. It is home to important business groups and hosts some of Mexico's most prestigious universities. Founded in 1596, the city quickly became a key point of trade and industry between Mexico and the United States. With beautiful mountain landscapes and prominent tourist sites, Monterrey offers a wide variety of attractions such as Fundidora Park, Horno 3 Museum, Chipinque Ecological Park, Garcia Caves, and Cola de Caballo Waterfalls.

If you would like to learn more about Monterrey and its tourist attractions, I invite you to visit the official tourism website of Nuevo Leon: <https://nuevoleon.travel/>.



Chipinque Ecological Park



For more information visit: www.amiautomation.com

Tania Cantú, Marketing Manager

AMITech@amiautomation.com

t. +52 (81) 1001.4050 Ext. 4372

m. +52 (81) 8366.5925