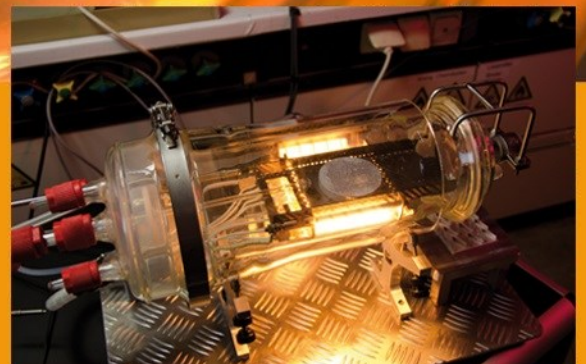


# 2017 Solvay Invitational Aluminum Brazing Seminar Monterrey, Mexico



[www.nocolok.com](http://www.nocolok.com)



**2017 Solvay Invitational Aluminum Brazing Seminar**  
**Holiday Inn, Monterrey-Parque Fundidora**  
**100 Monterrey, Mexico 64010**  
**April 26–Welcome Reception 20:00-22:00**  
**April 27-28, 2017–Presentations**

**An Overview of the Aluminum Braze Process and Variables**

**To register for the event, please fill out form on page 5 and email to:**

Mrs. Frankie Steele (habla español)  
**E-mail: [Frankie.Steele@Solvay.com](mailto:Frankie.Steele@Solvay.com)**  
Phone: +1 713 525 6892

**Conference fee: 50 USD/1000 Pesos**

The conference fee will be waived upon sign-in at the event. A no-show or failure to provide 5 days cancellation notice prior to the event will result in the 50 USD/1000 pesos conference fee invoiced to your company.

This seminar may qualify for training hours under the Federal Labor Law for Training (La capacitación y adiestramiento en la Ley Federal del Trabajo). Please check with your local Human Resources Department for further information.

***The Solvay Invitational Aluminum Brazing Seminar brings together both suppliers and manufacturers in NAFTA's growing industrial center in Monterrey, Mexico.***

***The purpose:***

*To further promote aluminum brazing technology by means of presentations, comments and technical discussions.*

*To provide numerous opportunities to establish or strengthen business relationships, establish personal contacts, expand networks and grow confidence in the art of aluminum brazing.*

*Specialized in unique subject matter that can influence how well we braze, participating companies will share their knowledge and experiences with us.*

*We invite you to take part in this significant event.*

**sapa:**



**SECO/WARWICK**



**SOLVAY**



**SONO•TEK**

# SCHEDULE

## Wednesday April 26, 2017

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2000 - 2200	“Get Together”- Snacks and Drinks	Hotel Lobby
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## Thursday April 27, 2017

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0830–0845	Introduction	Solvay
0845–0945	Solving Braze Problems - A Survey of Braze Failures in Industrial Case Studies	Solvay
0945–1030	Lubricants 101 for aluminum Heat Exchanger Manufacturing	CPI
1030–1045	Break	
1045–1130	Brazed Aluminum MCHX Tube Quality	SAPA
1130–1300	Lunch	
1300–1400	Flame Braze Fundamentals	Lucas Milhaupt
1400–1500	Furnace Maintenance: Improving Efficiency and Providing Long Life to your CAB Furnace	SECO/WARWICK
1500–1515	Break	
1515–1600	Paste Dispensing Fundamentals and Application	Viscotec
1600–1645	Sono-Tek’s New Brazing Solution	Sono-Tek
1645–1830	BREAK	
1830–2030	SOLVAY DINNER– Horno3	

# SCHEDULE

**Friday April 28, 2017**

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<b>0900–0945</b>	<b>Trend Setting Evolution in Microchannel Tube Forming</b>	<b>Schoeler</b>
<b>0945–1030</b>	<b>Sono-Tek/Industrias Reviriego OEM Package and Technology Integration</b>	<b>Sono-Tek</b>
<b>1030–1045</b>	<b>Break</b>	
<b>1045–1130</b>	<b>New Flux Developments—Approach to Reducing Flux Residue Solubility and Improving Mg Tolerance</b>	<b>Solvay</b>
<b>1130–1145</b>	<b>Conclusion</b>	<b>Solvay</b>
<b>1145-1300</b>	<b>Lunch</b>	
<b>End of Seminar</b>		

## Invitation Request Form:

### **Company Information:**

**Name:** \_\_\_\_\_

**Street Address:** \_\_\_\_\_

**City/Town:** \_\_\_\_\_

**State:** \_\_\_\_\_

**Country:** \_\_\_\_\_

### **Participant Information:**

**First Name:** \_\_\_\_\_

**Last Name:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Tel:** \_\_\_\_\_

**E-Mail:** \_\_\_\_\_

**Will you be booking a hotel reservation?**

**YES or NO**

**If requiring a room, you will need to make reservations directly with the hotel.**

**Holiday Inn, Monterrey-Parque Fundidora, 52-81-83696000**

**Please return the enclosed request form to:**

**Mrs. Frankyie Steele (habla español)**

**E-mail: [Frankyie.Steele@Solvay.com](mailto:Frankyie.Steele@Solvay.com)**

**Tel: +1 713 525 6892**





**Holiday Inn**

## Monterrey-Parque Fundidora

Retorno Fundidora : 100 — Monterrey , 64010 — Mexico

Hotel Front Desk: 52-81-83696000 | Hotel Fax: 52-81-83696060



### Transportation to and from Hotel

#### Mariano Escobedo International Airport (MTY)

- Distance: 12.5 MI/20.12 KM NORTH to Hotel
- Taxi Charge (one way): \$20.00 USD
- Time by Taxi: 20 minutes
- Take airport exit west and Miguel Aleman avenue to the south. Follow Miguel Aleman to Constitución avenue, pass Parque Fundidora and then turn right.

#### Driving

Located within Parque Fundidora premises and next to Cintermex. From any direction follow signage directing to Parque Fundidora parking # 5, go north at Revolución Exit when coming on Constitucion Ave or Morones Prieto. From airport follow Miguel Aleman Ave south to Constitución and take right on Ave Fundidora. Hotel is located to the right. From the south follow signage to Arena Monterrey, Cintermex or Fundidora.

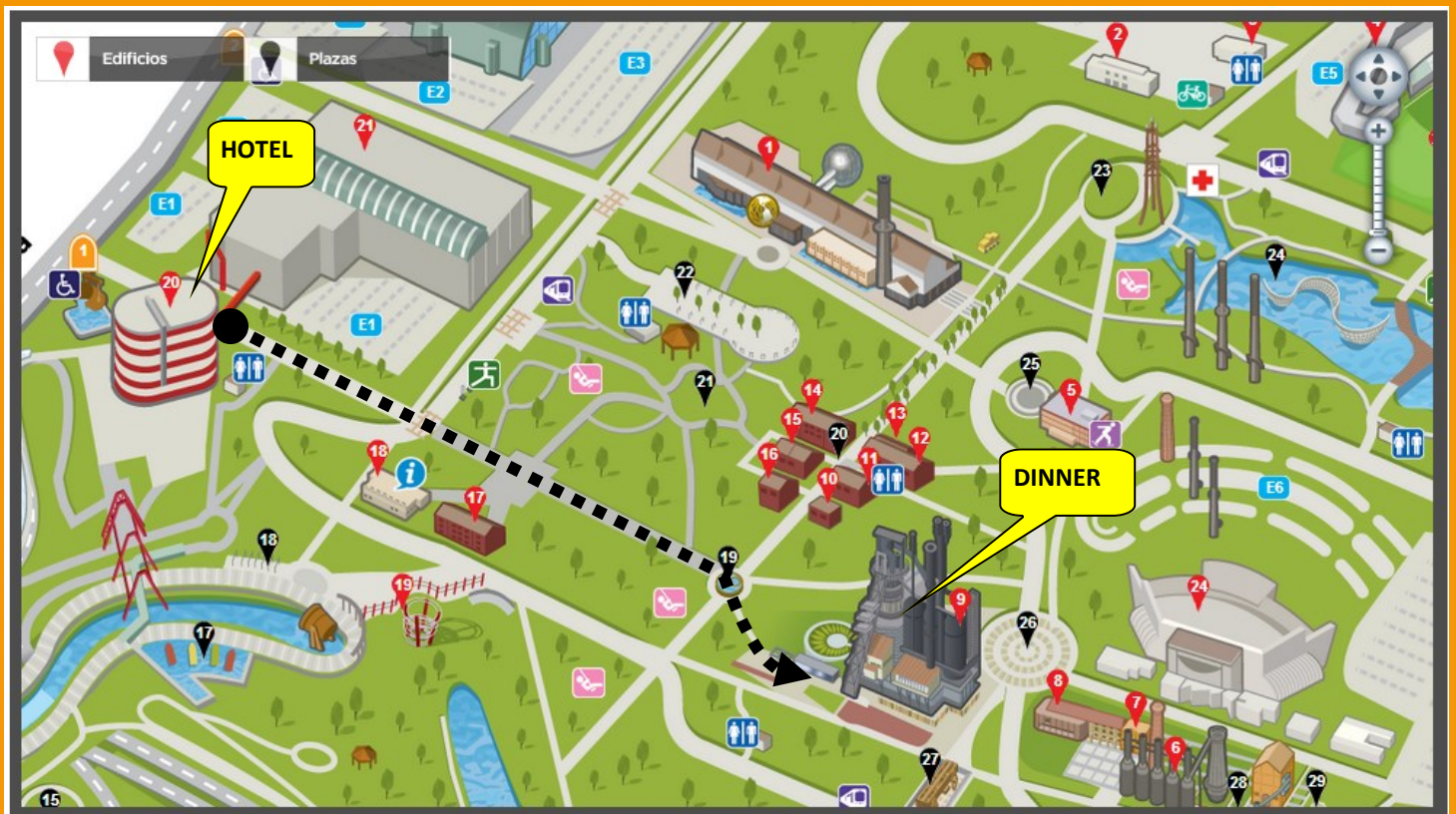
Room Type	Rates
Standard Room – Single or Double	(\$1,510.00 Pesos + imp)
Superior Room – Single or Double	(\$1,665.00 Pesos + imp)





**Dinner Admission Fee = Your completed seminar survey (see last page)**

### Dinner Location





## Company Contacts

### Brian Booth

Fluxer Product Manager

Sono-Tek Corporation  
2012 Route 9W, Milton NY

Tel: 845 795 2020

Brian holds a Vocational Degree in Avionics Electronics through the United States Marine Corps. He began his career at Sono-Tek in 2007. He held the position of Field Service Engineer for three years, after which he transitioned to Regional Sales Manager for five and a half years. For the past year Brian has held the title of Senior Territory Manager & Fluxer Product Manager. In his current position, Brian manages Sono-Tek's extensive fluxing product line, and OEM partnerships in the fluxing industry. He is in charge of the new Technology Integration package between Sono-Tek and Industrias Reviriego.



### Bennett Bruntl

Product Marketing Manager and  
Division Director, Electronics &  
Advanced Energy

Sono-Tek Corporation  
2012 Route 9W, Milton NY

Tel: 845 795 2020

Bennett holds a B.A. from Central Connecticut State University. He has been an integral part of the sales team at Sono-Tek for nine years, starting in a sales role and moving into management. In Bennett's current position as Director and Marketing, he has introduced several new products/new markets, including the new SonoBraz system for the aluminum brazing market.



### Manos Eliades

Commercial Manager  
Solvay Fluorides LLC  
3737 Buffalo Speedway, Suite 800  
Houston, TX 77098  
Cell: 713 703 3636  
manos.eliades@solvay.com

Manos holds a B.S. in Manufacturing Engineering from the Milwaukee School of Engineering. With twenty years in the heat exchanger manufacturing industry, he works with manufacturing equipment, process and new product development initiatives. He joined Solvay in 2006 as a dedicated member of the Solvay Nocolok® team, assisting customers with on-site instruction and problem-solving. Within Nocolok®, Manos specializes in flux/alloy pastes and paints. He speaks English, Greek and entry level Spanish.



### David Ellerbrock

Research Scientist/Metallurgy,  
Corrosion  
Sapa Precision Tube Technology Center  
100 Gus Hipp Boulevard  
Rockledge, Florida 32955  
Tel: 321 636 8147 x2413  
Cell: 321 544 3281  
david.ellerbrock@sapagroup.com  
www.sapagroup.com

David Ellerbrock holds a BS in Metallurgy from the Michigan Technological University, and MS and PhD degrees in Material Science from The Pennsylvania State University. He has 18 years' experience with brazed heat exchangers, and a specialty in aluminum and heat exchanger corrosion and field failure analysis. In the past few years, he has been involved with ASHRAE in the development of a new accelerated corrosion test standard for aluminum HVAC heat exchangers that is based upon ISO 9223 atmospheric corrosion severity classification. Recent work includes developments for round tube heat exchangers.



### Arnaldo Huitrón

Sales and Marketing Manager  
Solvay Fluor México, SA de CV  
Carretera Panamericana Km 23.5  
Col. Granjas  
Cd Juárez, Chihuahua, México  
Tel: +52 181 8259 5099  
arnaldo.huitron@solvay.com

Arnaldo has a B.S. in Chemical Engineering and an MBA from the National Polytechnic Institute in Mexico City. Representing Solvay Fluor Mexico, he has been with Solvay for 14 years. Arnaldo is the primary commercial contact for all fluorinated products within Mexico. Working with the Fluorides team, he coordinates technical seminars and visits tailored to the customers' specific needs. A native Spanish speaker, he is fluent in English.





# Company Contacts

**Jorge Castro Illingworth**

Lucas-Milhaupt  
Regional Sales Manager Mexico  
5656 S. Pennsylvania Ave.  
Milwaukee WI, 53110  
México +52 1 81 15841980  
USA +1 956 530 6057  
[JCastro@lucasmilhaupt.com](mailto:JCastro@lucasmilhaupt.com)

Jorge has a B.S. in Industrial Engineering from UNAM (National University of Mexico), Mexico City and a Master's Degree in Marketing from ITESM (Monterrey Institute of Technology), Monterrey. Jorge has been a member of AWS member since 2011. Jorge has been with Lucas Milhaupt for 6 years working as Regional Sales Manager for Northern Mexico providing technical support, brazing process audits, training, process improvement recommendations and solving brazing issues primarily for HVAC and Automotive Industry among others.

**Mike Jacobs**

NAFTA CAB Furnace Product Mgr  
SECO/WARWICK Corporation  
180 Mercer St.  
Meadville, PA 16335  
Tel: 814 332 8598  
Cell: 814 573 2537  
Fax: 814 724 1407  
[mjacobs@secowarwick.com](mailto:mjacobs@secowarwick.com)

Mike Jacobs has been working at SECO/WARWICK for over eleven (11) years mainly supporting the Controlled Atmosphere Brazing (CAB) equipment line and aluminum brazing processes. From Applications Engineer to CAB Team Leader to CAB Product Manager for NAFTA region, all of his furnace experience is in the CAB product line. After receiving a bachelor of science degree from Edinboro University and spending a few years in the plastic injection molding business, he then became part of the CAB product team at SECO/WARWICK and continues to manage that product line.

**Patrick Kieselbach**

ViscoTec-America Inc.  
975 Cobb Place Blvd. NW  
Suite 201 Kennesaw, GA 30144  
Tel: 770 422 4281  
Cell: 678 756 2445  
[patrick.kieselbach@viscotec-america.com](mailto:patrick.kieselbach@viscotec-america.com)

A graduate of Flagler College in St. Augustine, Florida with a BA in Business Administration, Patrick has over 20 years of international experience in automotive Tier 1 business. He works in the U.S., Canada, Mexico and Europe. He has been with Visco Tec-America since 2010, specializing in emptying, treating and dispensing equipment, as well as processes for the automotive, electronics and aviation industries.

**Alex Klunder**

Schoeler of America

11220 Elm Ln Suite 200  
Charlotte, NC 28277

Tel: 214 728 9441

Alex graduated from the University of Applied Sciences in Berlin as an electrical engineer. Currently he is in the process of acquiring an MBA at the University of Corusant. With 8 years in the company he is the main contact for customers across North America based in the US. He mainly travels to customers to service or install new Schoeler equipment and train people on our machines. He supports and accompanies projects, large and small, from start to finish. Alex is a native German speaker and fluent in Spanish and English.

**Daniel Lauzon**

Technical Service Manager  
Solvay Fluorides, LLC  
3737 Buffalo Speedway, Suite  
800 Houston, TX 77098  
Cell: 713 816 9125  
[daniel.lauzon@solvay.com](mailto:daniel.lauzon@solvay.com)

Daniel has a degree in Chemical Engineering Technology from Algonquin College in Ottawa, Canada. He has been working with NOCOLOK® Brazing Technology for more than 30 years. He started his career as a Chemical Technologist with Alcan's Research and Development Center in Kingston, Canada working in the corrosion and brazing labs. He joined Solvay in 1995 and has since held the position of Technical Service Manager in Germany, Canada, South Korea and since 2010, out of Houston, Texas. Daniel is currently Technical Service Manager for the NOCOLOK® Group of Products for North America and South America.

**Bill Morton**

Product Application Manager  
Circle Proscos, Inc.  
401 N. Gates Drive  
Bloomington, IN 47404  
Cell: 812 325 0785  
[wmorton@circleproscos.com](mailto:wmorton@circleproscos.com)

Bill earned a B.S. degree in Chemistry from Wheaton College. He has been with Circle Proscos, Inc. for 30 years, initially working in Technical Service for our surface finishing products and in product development. Over the years, he has trained and supported CPI's customers as they implemented nonchromium conversion coatings, alkaline cleaners, lubricants and paint fluxing services. He currently provides technical support to customers to ensure the appropriate product is recommended and represents Circle Proscos at industry organizations.



# Survey

## 2017 Solvay Invitational Aluminum Brazing Seminar Monterrey, Mexico April 27- 28 2017

Participant's Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Telephone: (        )-----Ext.:-----

For each of the following areas of seminar presentation, please indicate your reaction:

Seminar Content	Exceeded Expectations	Met Expectations	Needs Improvements	Not Applicable
• Material well organized	0	0	0	0
• Presented at right level	0	0	0	0
• Relevant to my job	0	0	0	0
• Handout material supported the subject	0	0	0	0
• Effective visual aids	0	0	0	0

### Presentation

• Effective presentation style	0	0	0	0
• Speaker's knowledge of subject	0	0	0	0
• Speaker covered the material clearly	0	0	0	0
• Speaker responded well to questions	0	0	0	0

Your suggestions for improvement would be appreciated:

Other Comments:

Please indicate the rating that best reflects your overall evaluation of  
this seminar by checking the appropriate box below



GOOD

BAD