

TECHNICAL MEDICAL SEMINAR
MARCH 7 & 8, 2012
Caesars Palace, Las Vegas



Photo courtesy of HTP-Medex, LLC



TWO-DAY TECHNICAL MEDICAL SEMINAR *for* EXTRUSION ENGINEERS AND CATHETER DESIGNERS PROVIDES AN OVERVIEW *of* MANY TOPICS CRITICAL *to the* PRODUCTION *of* PRECISE MEDICAL TUBING

The cost of the seminar will be \$395 per attendee.

Group discount rates are available. Continental breakfast and lunch for both days will be provided and a block of 25 rooms has been reserved at Caesars Palace for "American Kuhne" at a special rate of \$139/night. Attendees may call Caesars Palace at 866-227-5944 to book their hotel reservations or online by using the following web link: <https://resweb.passkey.com/go/SCKUH2>. This discount will expire on February 3rd, 2012. After that time, the group rate will be offered based on hotel availability only.



ATTENDANCE IS LIMITED TO 60 PEOPLE • REGISTER TODAY

Day 1 agenda

Wednesday, March 7th

7:45 AM	Check in and Continental Breakfast
8:20 AM	Opening Remarks and Overview
8:30 AM	SMED – Quick Change-over, Bill Kramer, President, American Kuhne
9:00 AM	Die Design Guidelines for Making Dual Lumen and Multi-lumen Tooling, Jasmin Sehovic, Director of Sales and Engineering, Genca
9:30 AM	Blade Designs and Bushings for Cutting low Durometer Micro Bore Medical Tubing, Bob Bessemer, Medical Sales Engineer, Conair
10:00 AM	Coffee/snacks, phone break
10:30 AM	Processing Fluoropolymers, Ron Klein, Sr. Technical Service Representative Daikin America, Inc.
11:00 AM	Braiding Techniques and Patterns in Catheter Development, Sean Hargett, President, Steeger USA
11:30 AM	Extrusion of PEEK (amorphous and crystalline) in Medical Applications, Tim Steele, CEO Founder, MicroSpec
12:00 PM	Lunch – Cold Sandwich Buffet
1:00 PM	New Medical Polymers and Technology for Medical Devices, Jack Frautschi, Ph.D., Sr. Biomaterials Scientist, NEU Specialty Engineered Materials, LLC
1:30 PM	Screw/Barrel/Feed wear and the impact on tolerances levels (case study), Kevin Slusarz, VP Process Technology, American Kuhne
2:00 PM	Fault Detection Systems and Utilization of Fast Fourier Transform Analysis for Process Analysis, Keith Donahue, VP Sales and Marketing, Zumbach
2:30 PM	Polymer Drying – Moisture Regain Discussion and Material Property Effects, Pete Stoughton, Consultant, Material Handling Systems, Conair
3:00 PM	Coffee/snacks, phone break
3:30 PM	Vacuum Sizing Medical Tubing under .060", Bob Bessemer, Medical Sales Engineer, Conair
4:00 PM	Laser Marking and Machining of Medical Extrusions, Kirk J. Mikkelsen, Director of Engineering, Avicenna an Ametek Company
4:30 PM	Process Control Theory Discussion – Introduction of Hot/Cold Control Principle, Kevin Weaver, Vice President Application and Sales Engineering, Zumbach

Transportation: The best way to commute to and from the Las Vegas Airport (LAS) is to take a taxi for \$15-20 each way. You can also take Bell Trans shuttle (share-a-ride), which is \$7 each way and \$13 round trip. The Bell Trans booth is located outside Door 9 of the baggage claim area.



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Day 2 agenda

Thursday, March 8th

7:45 AM	Continental Breakfast
8:30 AM	Filtration of Gels, Bill Kramer, President, American Kuhne
9:00 AM	Direct Drives for Medical Belt pullers and Pinch Rolls for Micro Bore Tubing, Bob Bessemer, Medical Sales Engineer, Conair
9:30 AM	Improvements and Advancements of Ultrasonic Measurement Equipment, Keith Donahue, VP Sales and Marketing, Zumbach
10:00 AM	Coffee/snacks, phone break
10:30 AM	Post Extrusion Thermoforming Operations – Tip Forming and Bonding, David Joyce, Sales Engineer, Vante
11:00 AM	Multi-layered Medical Tubing Extrusion (crosshead and tooling related design guidelines), Jasmin Sehovic, Director of Sales and Engineering, Genca
11:30 AM	Living with and Minimizing Gels in Extrusion – can tooling design be a solution? Tim Steele, CEO Founder, MicroSpec
12:00 PM	Lunch – Hot Sandwich Buffet
1:00 PM	Feeding Consistency in Small Extruders, Kevin Slusarz, VP Process Technology, American Kuhne
1:30 PM	The Science of Hole-making in Catheter Applications (drilling, punching, skiving), Scott Thompson, Director of Operations, Syneo
2:00 PM	Heat Transfer Review for Processing Teflon/Peek, Bob Bessemer, Medical Sales Engineer, Conair
2:30 PM	Coffee/snacks, phone break
3:00 PM	3 Axis OD Measurement vs. 2 Axis OD Measurement, Kevin Weaver, Vice President Application and Sales Engineering, Zumbach
3:30 PM	Question & Answer Session



To register for the seminar please contact
 Jennell Stevens jstevens@americankuhne.com
 or Mike Hanna mhanna@americankuhne.com
 at American Kuhne (401) 326-6200.

For all other questions contact Steve Maxson
smaxson@americankuhne.com 828-304-8222.

Attendance is limited to 60 people,
 and it will fill quickly, so please register early.