

**October 8 - 12, 2016 | Bethlehem, PA | USA**

Plan to attend the Photo Chemical Machining Institute (PCMI) International Technical Conference to be held at the Hotel Bethlehem in Bethlehem, Pennsylvania, from October 8 - 12, 2016. The technical presentations will provide you with the information you need to stay current with new technologies and innovations in the PCM industry, plus give you the valued networking time you want to interact and learn from your colleagues from around the world.

**The current technical sessions under development include:**

- 3D Printing
- Control Theory for Ferric Chloride Etchant Regeneration Methods
- Dry Film Laminators
- Electroforming
- Fundamentals of Electroplating
- Fundamentals of Vacuum Heat Treating
- Group Discussion - Strengths, Weaknesses, Opportunities and Threats (SWOT) Analysis of Photochemical Machining (PCM)
- Inkjet Printing
- ISO 9001: 2015 - The Transition and What You Need to Know
- Laser Cutting
- Practical Aspects of Installing pH Control for the Free Acid
- Practical Implementation of Chlorine Regeneration of Spent Ferric Chloride Etchant within Heatric
- Waste Water 101
- Workforce Development
- New Product and Services Showcase
  - Precision Rolled Materials
  - Altix, the Expert in Photo Imaging Solutions

# Agenda



Time	Event	Location
	<b>Saturday, October 8, 2016</b>	
9:00 am - 4:00 pm 6:30 pm - 9:00 pm	<b>PCMI Board of Directors Meeting</b> <b>PCMI Board of Directors Dinner Meeting</b>	<b>Lafayette Room</b> <b>Northampton CC</b>
	<b>Sunday, October 9, 2016</b>	
10:00 am - 4:00 pm	<b>Pre-Conference Tour -- City of Philadelphia</b>	<b>Philadelphia</b>
	<b>Monday, October 10, 2016</b>	
9:00 am - 3:00 pm	<b>Guest Program   Tour of Historic Bethlehem</b>	Bethlehem
8:00 am	<b>Conference Registration</b>	Grand Ballroom
8:30 am - 8:45 am	<b>Welcome and Introductions</b> Bill Fox   PCMI President   CEO   Conard Corp.   US	Grand Ballroom
8:45 am - 9:00 am	<b>Welcome and Introduction to Bethlehem</b> Ken Marino   CEO   Orbel Corp.   US	Grand Ballroom
9:00 am - 9:45 am	<b>Regeneration in Theory and Practice - Part 1</b> <b>Control Theory for Ferric Chloride Etchant Regeneration Methods</b> David Allen   Emeritus Professor   Cranfield University   UK	Grand Ballroom
9:45 am - 10 :30 am	<b>Regeneration in Theory and Practice - Part 2</b> <b>Practical Implementation of Chlorine Regeneration of Spent Ferric Chloride Etchant within Heatric</b> Peter Jefferies   Etching Operations Mgr.   Heatric   UK	Grand Ballroom
10:30 am - 10:45 am	<b>Networking and Refreshment Break</b>	Ballroom Foyer
10:45 am - 11:30 am	<b>Regeneration in Theory and Practice - Part 3</b> <b>Practical Aspects of Installing pH Control for the Free Acid</b> Kirk Lauver   Marketing & Customer Lab Mgr.   Chemcut   US	Grand Ballroom
11:30 am - 12:15 pm	<b>Fundamentals of Electroplating</b> Steve Rudy   Technical Sales   Hubbard Hall   US	Grand Ballroom
12:15 pm - 1:00 pm	<b>Lunch</b>	Terrace
1:00 pm - 1:45 pm	<b>Electroforming</b> Julie Griffin   President/Owner   Precision E Forming   US	Grand Ballroom
1:45 pm - 2:30 pm	<b>ISO 9001: 2015 - The Transition and What You Need to Know</b> Chuck Mittman   President   Prism International   US	Grand Ballroom
2:30 pm - 2:45 pm	<b>Networking and Refreshment Break</b>	Ballroom Foyer
2:45 pm - 3:30 pm	<b>Fundamentals of Vacuum Heat Treating</b> Jim Stever   Solar Atmospheres   Regional Sales Manager   US	Grand Ballroom
3:30 pm - 4:15 pm	<b>Dry Film Laminators</b> Jean Pierre Robic   President   Dynachem   IT	Grand Ballroom
6:00 pm - 9:30 pm	<b>Annual Banquet</b>	<b>1741 on the Terrace</b>

# Agenda



Time	Event	Location
	<b>Tuesday, October 11, 2016</b>	
9:00 am - 9:45 am	<b>3D Printing</b> Ed Graham   Managing Engineer   ProtoCAM   US	Grand Ballroom
9:45 am - 10:30 am	<b>New Product and Services Showcase</b>  <b>Precision Rolled Materials</b> Bill Barry   VP Sales & Marketing   Heyco Metals   US  <b>Altix, the Expert in Photo Imaging Solutions</b> Sylvain Dromaint   General Manager   Altix North America   US	Grand Ballroom
10:30 am - 10:45 am	<b>Networking and Refreshment Break</b>	Ballroom Foyer
10:45 am - 11:30 am	<b>Workforce Development</b> Marcus Heather   Business Director   Precision Micro   UK	Grand Ballroom
11:30 am - 12:15 pm	<b>Laser Cutting</b> Speaker TBD	Grand Ballroom
12:15 pm - 1:00 pm	<b>Lunch</b>	Terrace
1:00 pm - 1:45 pm	<b>Group Discussion</b> <b>Strengths, Weaknesses, Opportunities and Threats (SWOT)</b> <b>Analysis of Photochemical Machining (PCM)</b>	Grand Ballroom
1:45 pm - 2:00 pm	<b>PCMI Education Committee Project Progress Report</b> David Allen   Emeritus Professor   Cranfield University   UK Peter Jefferies   Etching Operations Mgr.   Heatric   UK	Grand Ballroom
2:00 pm - 2:15 pm	<b>Networking and Refreshment Break</b>	Ballroom Foyer
2:15 pm - 3:00 pm	<b>Waste Water 101</b> David Joyce   Technical Service Rep.   Hubbard Hall   US	Grand Ballroom
3:00 pm - 3:45 pm	<b>Ink Jet Printing</b> Joost Anne Veerman   Head of Printing Process   MuTracx   NL	Grand Ballroom
6:00 pm - 9:30 pm	<b>Group Networking Dinner</b>	<b>Blue Mountain</b>
	<b>Wednesday, October 12, 2016</b>	
8:00 am - 4:00 pm *	<b>Martin Guitar Tour</b>  <b>Orbel Tour</b>  <b>Lunch and Wine Tasting Tour</b>	<b>Martin Guitar</b> <b>Orbel</b> <b>Sorrenti's Cherry Valley Vineyards</b>

\* New return time, was 3:00 pm. Please make travel plans accordingly.

# General Information



## Hotel

[Historic Hotel Bethlehem](#), located in Downtown Bethlehem Pennsylvania is the ultimate Lehigh Valley conference hotel.



The hotel is only a free 10 minute shuttle ride from the Lehigh Valley International Airport (ABE).

At the Hotel Bethlehem, you will experience world-class service, charming guest accommodations, elegantly appointed lobby and common areas, beautiful yet efficient banquet and meeting facilities, and award winning cuisine. Hotel Bethlehem proudly continue the tradition of Bethlehem hospitality which began on the site of our current hotel in 1741.

437 Main Street  
Bethlehem, PA 18018

The hotel reservation deadline is **September 8, 2016.**

The PCMI group room rate is US **\$189** per room, per night.

To make a reservation contact:  
Hotel Bethlehem Reservations  
[reservations@hotelbethlehem.com](mailto:reservations@hotelbethlehem.com)  
(610) 625-5000

## Travel Information



The two closest international airports to Bethlehem are Newark airport (EWR) and Philadelphia (PHL).

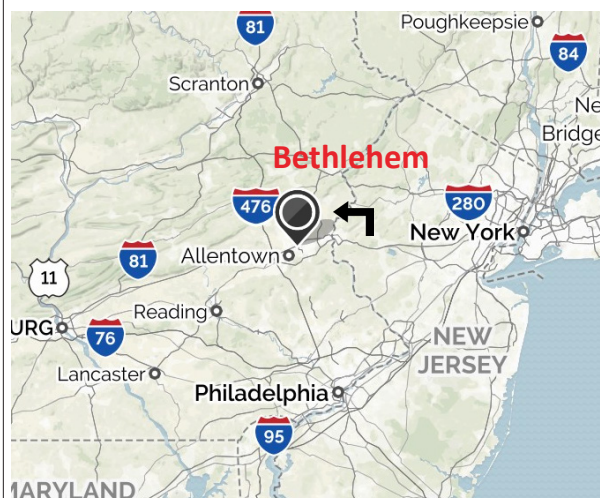
Both airports have connections into Allentown / Bethlehem / Easton (ABE).

You can also take a bus from the airport to Bethlehem, PA.

Hotel Bethlehem offers complimentary shuttle to/from ABE airport.

The hotel asks that you provide flight arrival information when you make your reservation.

## Driving Directions





# General Information



## Networking Tours and Dinners



### Pre Conference Tour Sunday, October 9

Your Philadelphia tour will start at the Philadelphia Museum of Art to see the Rocky statue and

climb the Rocky steps for a great view of the skyline of the city. You will also walk the cobbled streets to tour the Liberty Bell and Independence Hall, once the State House for the colony of Pennsylvania where the Declaration of Independence and the U.S. Constitution were signed.

For a real Philadelphia treat, lunch will be in South Philly to enjoy a Geno's or Pat's cheesesteak.



### Martin Guitar Tour Wednesday, October 12

PCMI attendees will have the opportunity to tour Martin Guitars on

Wednesday before the start of the Orbel tour. Martin Guitars has been creating the finest instruments in the world for over 175 years. It continues to innovate, introducing techniques and features that have become industry standards including X-bracing, the 14-fret guitar and the "Dreadnought" size.



### Orbel Tour Wednesday, October 12

PCMI attendees will tour Orbel, the conference host. Founded in 1961 as Orbit Electric, a provider of electroplated wire for the emerging electronics and aerospace markets, Orbel has grown from a one-employee organization to a global company headquartered in a 57,000 sq. ft. facility. Orbel offers true start-to-finish custom engineered solutions.

After the Orbel tour attendees will travel to [Sorrenti's Cherry Valley Vineyards](#) for lunch and a wine tasting.

## Monday, October 10 and Tuesday, October 11

On Monday evening, PCMI will hold its annual banquet at the historic Bethlehem Hotel. On Tuesday evening, PCMI will travel to Blue Mountain where every table is a window seat to the majestic unforgettable scenic views of the Pocono Mountains.

### Guest Tour | Monday, October 10

Monday will feature a tour for guests. The schedule will include an Old Bethlehem Walking tour to the Moravian Museum, Miller's Garden and Apothecary Garden, plus a chance for shopping.

## Fees (US \$)

### Conference

PCMI Members	\$450
First Conference Non-Members	\$450
Non-Members	\$1,100

### Conference | Third Person Plus \*

PCMI Members	\$225
First Conference Non-Members	\$225
Non-Members	\$550

### Pre Conference Philadelphia City Tour

PCMI Members	\$125
First Conference Non-Members	\$125
Non-Members	\$250

### Banquet and Group Networking Dinners

PCMI Members	\$100
First Conference Non-Members	\$100
Non-Members	\$200

### Orbel Tour, Martin Guitar Tour, Lunch and Wine Tasting

PCMI Members	\$60
First Conference Non-Members	\$60
Non-Members	\$120

### Guest Tour

Per Person (Lunch cost is on your own)	\$30
--	------

\* A discount is applied if you register three or more people for the conference.

## General Information



### SPONSOR

**PCMI Sponsorship is Good  
for Your Business!**

#### **PCMI conference sponsorship provides:**

- **Opportunity** to promote your company's products or services during the conference at a tabletop display;
- **Access** to key photo chemical machining industry leaders at one time and in one place;
- **Advertising** - Your company name will be placed on the PCMI website, linked to your company website;
- **Name recognition** -- Your company will be recognized during the conference, in the marketing materials and in the Program Booklet.

### Current Sponsors

**Platinum Sponsor  
Conference Tour Host**



Orbel Corp.  
(610) 829-5000  
[www.orbel.com](http://www.orbel.com)

**Gold Sponsor  
Banquet Wine**



Chemcut Corporation  
(814) 272-2800  
[www.chemcut.net](http://www.chemcut.net)

PCMI offers several sponsorship levels. These are outlined below.

Level	Cost	Sponsor of
Platinum	\$1,000	Pre Conference Tour
Gold	\$750	Tour Lunch
Gold	\$750	Banquet Wine
Silver	\$500	Conference Lunch
Bronze	\$300	Refreshment Breaks

# Registration Form



## PCMI International Technical Conference Bethlehem, PA | US | October 8 - 12, 2016

[Click here to register online](#) (credit card required.)

Company \_\_\_\_\_ Is this your first PCMI Conference? ☐ Yes ☐ No

Address \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Country: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Name # 1 \_\_\_\_\_ Name for badge \_\_\_\_\_

Work Position \_\_\_\_\_ E-mail \_\_\_\_\_

Name # 2 \_\_\_\_\_ Name for badge \_\_\_\_\_

Work Position \_\_\_\_\_ E-mail \_\_\_\_\_

Name # 3 \_\_\_\_\_ Name for badge \_\_\_\_\_

Work Position \_\_\_\_\_ E-mail \_\_\_\_\_

### Fee Schedule | US Dollars \$




Sponsor	Platinum	Gold	Silver	Bronze	
	<input type="checkbox"/> \$1,000.00	<input type="checkbox"/> \$750.00	<input type="checkbox"/> \$500.00	<input type="checkbox"/> \$300.00	\$ _____
	PCMI Member	Non-Member 1 <sup>st</sup> Meeting	Non-Member	Number	Amount
Pre Conference Philadelphia Tour	\$125	\$125	\$250	_____	\$ _____
Conference Registration Fee	\$450.00	\$450.00	\$1,100.00	_____	\$ _____
Conference Fee (Third Person +) *	\$225.00	\$225.00	\$550.00	_____	\$ _____
Grand Banquet   Monday	\$100.00	\$100.00	\$200.00	_____	\$ _____
Group Dinner   Tuesday	\$100.00	\$100.00	\$200.00	_____	\$ _____
Orbel, Martin Guitar, Lunch/Wine Tasting	\$60.00	\$60.00	\$120.00	_____	\$ _____
Guest Tour	\$30.00			_____	\$ _____

**\*\* A discount is applied if you register three or more people for the conference.**

**Total Fees \$ \_\_\_\_\_**

**Payment** ☐ A check for US \$ \_\_\_\_\_ payable to the PCMI, is enclosed (U.S. bank checks only.)

☐ Please charge US \$ \_\_\_\_\_ to my credit card:

☐  ☐  ☐ 

Name \_\_\_\_\_ Email \_\_\_\_\_

CC # \_\_\_\_\_ Exp. Date: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_ Security # \_\_\_\_\_

PCMI | 11 Robert Toner Blvd., #234 | North Attleboro, MA 02763 | USA  
Phone: 508-385-0085 | Fax: 508-232-6005 | Catherine Flaherty | [cflaherty@pcmi.org](mailto:cflaherty@pcmi.org)