



Photo Chemical Machining Institute

A Unique Organization Worth Joining

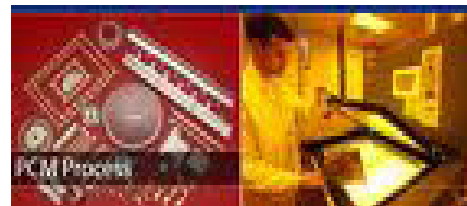
The Photo Chemical Institute Machining ("PCMI") offers significant benefit and value to its diverse, international membership. At the heart of the PCMI is Photo Chemical Machining ("PCM"), a manufacturing technology that in the 21st century is increasingly more viable as a preferred manufacturing process.



PCM viability as a technology is the result of accelerating product miniaturization, ever expanding range of metal alloys and other materials and continuously smaller line widths and thinner materials in growing industries: electronics, computers, aerospace, medical devices and others.

Because PCM is not taught in many colleges or universities - - none in the US - - it is not commonly understood by the manufacturing community. The PCMI has become the international depository of PCM technology and is the sole source for tracking PCM trends, business developments and competitive factors.

PCMI invites you to benefit from membership and active participation in the only association dedicated to helping companies involved in photo chemical machining technology. Membership in PCMI will help your business grow. Joining PCMI is a good business decision.



WHY JOIN PCMI?

The reasons for joining the PCMI are diverse and provide real value to our members. Consider the following:

• International in Scope:

Since its formation in 1967 the PCMI has had members in the US and Europe. Since then, members from 5 continents have joined and contributed to the expanding body of PCM technology making it truly an international organization.

• Diverse Membership:

Apart from geographical diversification, types of members include: contract manufacturers using PCM; producers of PCM components used in their own products; suppliers of equipment, chemistry, metal, tooling; consultants including environmental advisors; and, college professors involved with teaching and researching PCM technology.

• Technical Expertise:

The PCMI focuses on all aspects of PCM technology and works to expand the scope of beyond that of the etching process to include electroforming, lasercutting, plating, shaping, piercing, laminating, metals technology and such other activities that may involve or affect PCM. PCMI assists its members in staying current with technology developments, including:

- **Process Effects** -- reports on innovative and new processes to improve manufacturing techniques and new applications of the technology on materials, parts and products;
- **Environmental Effects** -- tracks environmental, occupational safety and health regulatory trends and standards and means of implementation;
- **Quality Assurance** -- monitors methods, equipment and standards such as ISO for maintaining consistent quality output; and,
- **Photo Tooling** -- reports on technical developments in Photo Tooling from equipment manufacturers and service companies; the PCMI publishes the Photo Tool Design Guide.

• Networking:

The benefit that members regularly report as the most significant reason for joining the PCMI is the networking among the members. Collectively the members have experience in all facets of PCM, have confronted all the problems and challenges the technology has presented and have learned the answers through experience. A collegial and collaborative relationship exists among the members - - this despite the fact that they are competitors - - that has enabled the dissemination of information in a cordial and professional manner. Over the years many of the members have become more than business acquaintances and enjoy genuine long-term friendships.

PCMI IS A GOOD BUSINESS INVESTMENT

•❖ International Conferences:

The hallmark of the PCMI are its technical conferences, held twice a year in the US, Europe and most recently Asia. These three-day conferences provide for presentation of technical papers, research results, discussion of industry trends and generally a factory tour. The conferences provide the opportunity for suppliers to give presentations on new products and other developments. As importantly, it is the opportunity to meet personally with members of the industry and develop meaningful personal relationships.

•❖ Regional Meetings:

Local dinner meetings and one-day meetings are held periodically at regional chapter gatherings in New England, Southern California, Europe and Southeast Asia.

•❖ Training & Consulting:

Through Cranfield University in England, the PCMI periodically arranges for one and two-day training workshops for production and supervisory personnel involved in PCM. The courses are taught by graduate level professors at reasonable cost and takes place in England and generally following the International conferences.

Tailored consulting services can be arranged by members at their facility from Cranfield University professors who have specialized in PCM technology and are considered world renown in their expertise.

•❖ Web Site:

The PCMI maintains a comprehensive website that includes access to a forty-year history of technical data and current information presented at the semi-annual conferences.

•❖ Technical Journals:

The PCMI publishes semi-annual technical Journals that are distributed via PDF file.

•❖ Research Reports:

The PCMI publishes specialized research reports about PCM technology at a reasonable cost.

•❖ Membership Directory:

The PCMI publishes a cross-referenced Membership Directory electronically that is updated annually.

•❖ Executive Director:

The PCMI maintains a central office and engages a professional association manager. Catherine Flaherty has been involved with the association management business for over 25 years. As the PCMI Executive Director she coordinates the activities of the PCMI and is available to assist members personally with questions, referrals and requests for information.



Membership Application

Photo Chemical Machining Institute

Company/Institution: _____

Address: _____ City: _____ State: _____ Zip: _____

Country: _____ Telephone: _____ Fax: _____

Company Product or Service Description (maximum 5 lines)

1. _____
2. _____
3. _____
4. _____
5. _____

Activities and Services (Please check all that apply.)

- | | |
|--|--|
| <input type="checkbox"/> Anodizing | <input type="checkbox"/> Equipment manufacturer |
| <input type="checkbox"/> Artwork services | <input type="checkbox"/> Exotic metals, requiring special etchants |
| <input type="checkbox"/> Assembly | <input type="checkbox"/> Laser cutting |
| <input type="checkbox"/> Basic R&D | <input type="checkbox"/> Machining |
| <input type="checkbox"/> Bending and forming | <input type="checkbox"/> Materials and surface analysis |
| <input type="checkbox"/> Chemistry, including film and resist | <input type="checkbox"/> Metal suppliers |
| <input type="checkbox"/> Common metals, etched with ferric or cupric chloride (steel and steel alloys, copper and copper alloys) | <input type="checkbox"/> Plating |
| <input type="checkbox"/> Contract R&D | <input type="checkbox"/> Precious metals |
| <input type="checkbox"/> Electro-forming | <input type="checkbox"/> Technical, including environmental services |
| | <input type="checkbox"/> Training |
| | <input type="checkbox"/> Water jet cutting |

Representatives

Name # 1 _____ Email: _____

Name # 1 _____ Email: _____

Name # 1 _____ Email: _____

Name # 1 _____ Email: _____

Type of Membership Official voting representative to receive invoices for membership:

Name _____ Title _____

Signature _____ Date _____

The above signed applies for membership in PCMI. As a member, I agree to abide by the Constitution and By-Laws of the Institute. Please check one (1) of the following:

- RE - **REGULAR MEMBERSHIP** - Manufacturers of production parts through the photo chemical machining process, for sale to others.
- AL - **ALLIED MEMBERSHIP** - Companies engaged in the business of manufacturing, purchasing, or producing parts through the photo chemical machining process for incorporation into their own products.
- AS - **ASSOCIATE MEMBERSHIP** - Engaged in manufacturing or supplying material and/or equipment of ultimate use in the photo chemical machining process, or in providing services such as plating, forming, artwork, etc. Sub categories include:
 - AS/R: Artwork
 - AS/C: Chemistry
 - AS/E: Equipment
 - AS/M: Metals
 - AS/S: Secondary Services
- TL - **TECHNICAL LIAISON MEMBERSHIP** - Technical liaison members are honorary non-dues paying members, elected by and at the discretion of the Board of Directors. TL Members are generally colleges and universities that through their research have contributed significantly to the industry. TL Members can also be government agencies that relate to the photo chemical machining industry.
- SM - **SENIOR MEMBERSHIP** - To be eligible for senior membership, a person must be over 62 years of age and be semi-retired or retired. The senior member does not have a vote but may hold office and receive the Journal. Each senior membership must be approved by the Board of Directors and renewed on a yearly basis.
- HM - **HONORARY MEMBERSHIP** - From time to time, the PCMI Board of Directors may elect any individual to honorary membership in the Institute, who has made outstanding contributions to the advancement of science and to the development and use of photo chemical machining.

Membership Fees

- | | |
|--|-------------------|
| <input type="checkbox"/> Regular Membership (max. 4 names per listing) | U.S. \$1,250.00 |
| <input type="checkbox"/> Allied Membership (max. 4 names per listing) | U.S. \$1,250.00 |
| <input type="checkbox"/> Associate Membership (max 4 names per listing) | U.S. \$1,250.00 |
| <input type="checkbox"/> Associate Membership (Artwork only) | U.S. \$900.00 |
| <input type="checkbox"/> Additional Personnel Listing (More than 4) | U.S. \$50.00 each |
| <input type="checkbox"/> Additional Facility Listing for any of the above categories (max = 2) | U.S. \$200.00 |
| <input type="checkbox"/> Senior Membership | No Fee |

Dues Payment

For the first year of membership, you will be invoiced on a pro-rated basis, depending on when your organization joins the PCMI. All future membership renewal fees will be for a full year's membership and will be invoiced as of January 1 of each year. Payments may be made by American Express, VISA, MasterCard, or check (checks must be drawn on a U.S bank).

There is an additional fee of U.S. \$50.00 if you choose to make your payment by bank wire transfer.

- A check for US \$ _____, payable to the PCMI, is enclosed (U.S. bank checks only.)
- Please charge US \$ _____ to my credit card:



Credit Card # _____

Exp. Date: _____ / _____ Security # _____

Contact PCMI • Catherine Flaherty, Executive Director
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