

SUNDAY, JUNE 27

7:30 a.m.–12:30 p.m. (07:30–12:30)

Deep Sea Fishing

(See page 27 for details and description.)

7:30 a.m.–1:00 p.m. (07:30–13:00)

APMI Golf Tournament

(Open to all attendees. Transportation is on your own. See page 27 for Tournament details.)

8:00 a.m.–5:00 p.m. (08:00–17:00)

Exhibitor Set-Up

3:00–7:00 p.m. (15:00–19:00)

Registration Opens

2:00–6:00 p.m. (14:00–18:00)

Poster Display (Author Setup)

6:00–7:30 p.m. (18:00–19:30)

OPENING NIGHT RECEPTION

Welcome to the Diplomat, sunny South Florida, and PowderMet2010! The conference begins with a casual opening-night event outdoors at the fabulous Westin Diplomat. An assortment of food options, beer, and wine will be served. Dress is casual.

(Attendance is restricted to full-conference registrants and others as noted.)



MONDAY, JUNE 28

7:00–8:00 a.m. (07:00–08:00)

Speaker Review

All speakers and session chairmen for today's technical sessions and special interest programs are required to meet in the Speakers' Lounge to receive final instructions and review information regarding presentations.

7:00 a.m.–4:30 p.m. (07:00–16:30)

Registration

7:00 a.m.–4:30 p.m. (07:00–16:30)

Poster Display

8:00–9:30 a.m. (08:00–09:30)

OPENING GENERAL SESSION

The conference Opening General Session will include welcome comments by MPIF Executive Director/CEO C. James Trombino, CAE, and MPIF President Michael E. Lutheran. An overview of the annual MPIF State-of-the Industry Report highlighting industry business conditions, technology trends, and markets for powder metallurgy and particulate materials will also be presented.

Keynote Presentation:

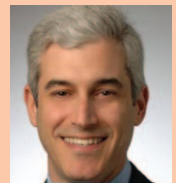
The Greening of Business: Why It's Not Optional and How to Profit From It

Andrew Winston

Winston Eco-Strategies, LLC

This presentation will focus on the sustainability forces coming to bear on companies today, why they are going green, what to focus on to save money, and investing in green innovation to make your business stronger. Andrew Winston is a globally recognized expert on how business can profit from thinking green. He is the co-author of the best-seller *Green to Gold* and author of *Green Recovery*, a guide to surviving—and thriving—in an economic downturn. He is dedicated to helping companies use environmental strategy to grow and create enduring value for their customers, employees, communities, and shareholders. He will provide a timely and entertaining strategic review of the greening of business and society.

(Attendance restrictions apply.)



(Monday continued)

9:45–11:15 a.m. (09:45–11:15)

TECHNICAL SESSIONS:

Session 1: Testing & Evaluation

Session 2: Sintering I: Sintered Properties

Session 3: Coating & Functionally Graded Materials

Session 4: Low-Alloy Steel

9:45 a.m.–Noon (09:45–12:00)

EXHIBIT OPENS

The PM industry's largest marketplace for leading companies providing metal powders, processing equipment, and services.

9:45 a.m.–4:30 p.m. (09:45–16:30)

SPECIAL INTEREST PROGRAMS:

SIP1: Global Automotive Change:

The Move to the Eco-Car, Parts 1 & 2 (of 2)

SIP2: Advances in Tooling to Meet

Today's Demanding PM Applications, Parts 1 & 2 (of 2)

SIP3: Advances in Nanoparticle

Science & Technology, Parts 1 & 2 (of 3)

10:15–11:45 a.m. (10:15–11:45)

Powder Metallurgy Parts

Association

Board of Directors Meeting

Noon–1:45 p.m. (12:00–13:45)

INDUSTRY RECOGNITION LUNCHEON

Luncheon will recognize the recipients of the APMI Fellow Award, the 2009 Howard I. Sanderow Outstanding Technical Paper Award, 2009 Excellence in Metallography Grand Prize recipient, and the CPMT/Axel Madsen Conference Grant winners.

(Attendance is restricted to full-conference registrants and others as noted.)

1:45–4:00 p.m. (13:45–16:00)

Powder Metallurgy Parts

Association

Membership/Business Meeting

(Attendance is open only to registered members of PMPA.)

1:45–4:30 p.m. (13:45–16:30)

EXHIBIT OPEN

Cookie Break: 1:45–2:30 p.m.

Stop by the exhibit hall for an afternoon snack and see the latest in PM equipment, powder, products, and services.

3:00–4:30 p.m. (15:00–16:30)

TECHNICAL SESSIONS:

Session 5: PIM I: Properties

Session 6: Sintering II: Furnace Control

Session 7: Composite Materials

Session 8: Fatigue

TUESDAY, JUNE 29

7:00–8:00 a.m. (07:00–08:00)

Speaker Review

All speakers and session chairmen for today's technical sessions and special interest programs are required to meet in the Speakers' Lounge to receive final instructions and review information regarding presentations.

7:00 a.m.–5:00 p.m. (07:00–17:00)

Registration

7:00 a.m.–5:00 p.m. (07:00–17:00)

Poster Display

8:00–9:30 a.m. (08:00–09:30)

TECHNICAL SESSIONS:

Session 9: PIM II: Stainless Steels

Session 10: PM Steels I

Session 11: Advances in Compaction Equipment

Session 12: Hardmetals

8:00–9:30 a.m. (08:00–09:30)

SPECIAL INTEREST PROGRAM:

SIP3: Advances in Nanoparticle

Science & Technology, Part 3 (of 3)

8:00 a.m.–Noon (07:30–12:00)

Powder Metallurgy Parts

Association

Spring Management Meeting

(Attendance is open only to registered members of PMPA.)

8:00 a.m.–5:00 p.m. (08:00–17:00)

SPECIAL INTEREST PROGRAMS:

SIP4: Rapid Manufacturing and Direct Manufacturing of Metal Parts, Parts 1, 2 & 3 (of 3)

SIP5: The Characterization and Testing of Metal Powders and PM Products, Parts 1, 2 & 3 (of 4)

9:30 a.m.–12:15 p.m. (09:30–12:15)

EXHIBIT OPEN

Coffee Break: 9:30–10:45 a.m.

Stop by the exhibit hall for a cup of coffee and see the latest in PM equipment, powder, products, and services.

10:45 a.m.–12:15 p.m. (10:45–12:15)

TECHNICAL SESSIONS:

Session 13: PIM III: Titanium Alloys

Session 14: PM Steels II

Session 15: Atomization I

Session 16: Refractory Metals

Session 17: Surface Coatings

12:30–2:00 p.m. (12:30–14:00)

PM DESIGN

EXCELLENCE AWARDS

LUNCHEON

Program will highlight winners in the 2010 Powder Metallurgy Design Excellence Awards competition.

(Attendance is restricted to full-conference registrants and others as noted.)



(Tuesday continued)

2:00–3:30 p.m. (14:00–15:30)

Poster Display—Authors Available

Authors will be available for discussion and consultation.

2:00–5:00 p.m. (14:00–17:00)

EXHIBIT OPEN

Ice Cream Break: 2:00–3:00 p.m.

Invite your family to stop by the exhibit hall for an afternoon snack and see the latest in PM equipment, powder, products, and services.

3:30–5:00 p.m. (15:30–17:00)

TECHNICAL SESSIONS:

Session 18: PIM IV: Ceramic Materials

Session 19: Magnetic Materials

Session 20: Atomization II

Session 21: Brazing & Shot Peening

3:30–5:00 p.m. (15:30–17:00)

SPECIAL INTEREST PROGRAM:

SIP6: Machinability of PM

Components: Materials, Processes, and Beyond, Part 1 (of 4)

6:00–11:00 p.m. (18:00–23:00)

MAIN SOCIAL EVENT: INTRACOASTAL VOYAGE WITH DINNER AT CHINA GRILL

It's off to beautiful Ft. Lauderdale this evening by local water taxi for the 45-minute ride up the Intracoastal Waterway. Our destination will be the very popular and trendy China Grill Restaurant on the Ft. Lauderdale waterfront. Known for its spectacular Asian-infused cuisine, the restaurant is inspired by its well-known siblings in famous locales such as New York, Los Angeles, Miami, and Las Vegas...truly a unique South Florida experience! Return is by motorcoach.

(Dress is casual. Attendance is restricted to full-conference registrants and others as noted.)



WEDNESDAY, JUNE 30

7:00–8:00 a.m. (07:00–08:00)

Speaker Review

All speakers and session chairmen for today's technical sessions and special interest programs are required to meet in the Speakers' Lounge to receive final instructions and review information regarding presentations.

7:00 a.m.–1:00 p.m. (07:00–13:00)

Registration

7:00 a.m.–1:00 p.m. (07:00–13:00)

Poster Display

8:00–9:00 a.m. (08:00–09:00)

Exhibit Council Meeting

8:00–9:30 a.m. (08:00–09:30)

TECHNICAL SESSIONS:

Session 22: PIM V: Process Optimization

Session 23: Stainless Steels

Session 24: Powder Synthesis I

Session 25: New Frontiers in Defense, Environment & Health

8:00 a.m.–9:30 a.m. (08:00–9:30)

SPECIAL INTEREST PROGRAM:

SIP5: The Characterization and Testing of Metal Powders and PM Products, Part 4 (of 4)

8:00 a.m.–2:00 p.m. (08:00–14:00)

SPECIAL INTEREST PROGRAM:

SIP6: Machinability of PM Components: Materials, Processes, and Beyond, Parts 2, 3 & 4 (of 4)

8:30–9:30 a.m. (08:30–09:30)

Powder Metallurgy Equipment Association

Board of Directors Meeting

(Attendance is open only to members of PMEA.)

9:45–11:15 a.m. (09:45–11:15)

TECHNICAL SESSIONS:

Session 26: Powder Synthesis II

Session 27: High-Density Processing

Session 28: Nanomaterial Consolidation

Session 29: PM Aluminum Alloys

Session 30: Computer Simulation of PM Processes

11:30–1:00 p.m. (11:30–13:00)

TECHNICAL SESSIONS:

Session 31: Advances in Titanium PM

Session 32: Material Properties

Session 33: Powder Fabrication

Session 34: Process Property Relationships in PM

12:30–2:00 p.m. (12:30–14:00)

MPIF Conference Committee Meeting