



American Society of Mechanical Engineers - Fox Valley Section

**Joint Meeting Notice
Fox Valley Section ASME**

&

American Society of Materials Chicago Chapter

Boeing 787 Dreamliner – Usage of Titanium And Effects on the Titanium Industry

**Presenter: Kevin T. Slattery
Boeing Phantom Works**

**La Mirage Restaurant, Rolling Meadows, IL
Tuesday, September 11, 2007**

The new Boeing 787 Dreamliner is the most dramatic innovation in commercial aviation since the introduction of the 707. It utilizes changes in design, materials, systems, and manufacturing. It will provide unprecedented levels of efficiency, operating costs, and passenger comfort. This presentation will provide an overview of the 787 and its progress, with an emphasis on the usage of titanium and its effects on the titanium industry.

Kevin Slattery is currently Phantom Works Metals Team Leader. He is also the Boeing Technical Oversight Committee Representative to the Metals Affordability Initiative Consortium. He has worked in Advanced Metalics for 9 years, in the area of advanced low-cost titanium processing technologies. Prior to that, he worked materials development on the TPX and ITER nuclear fusion programs. His first six years at Boeing/McDonald Douglas were spent on Naval Aircraft (F/A-18 E/F and A-12) programs, determining the effects of defects in composite structures, NDT method development, and validation of NDT acceptance criteria. He holds 9 patents pending. His doctoral dissertation (Washington University in St. Louis) was modeling of Hot Isostatic Pressing of W-Cu Composites. Kevin is a graduate of Boeing's Engineering Leadership Program.

LOCATION AND DIRECTIONS:

La Mirage, 3223 Algonquin Rd., Rolling Meadows, Illinois Tel: 847-222-1222

From the South or West: Take I-355 North, continue North on IL-53 when I-355 terminates. Stay in the local lanes as you go over I-90 and exit at Algonquin Rd./IL 62. Turn left at the end of the ramp and go East on Algonquin Rd. to the La Mirage. (See map below)

SCHEDULE: 5:30pm Registration, Hospitality Hour 6:30pm Dinner 7:30pm Presentation

DINNER: Choice of: - Chicken La Mirage (Chicken Breast)
- Vegetarian

COST: \$25.00 payable at the door, by check or cash, if pre-registered by 5:00pm, Wednesday, Sept. 5th
\$30.00 payable at the door if not pre-registered by 5:00pm, Wednesday, Sept. 5th

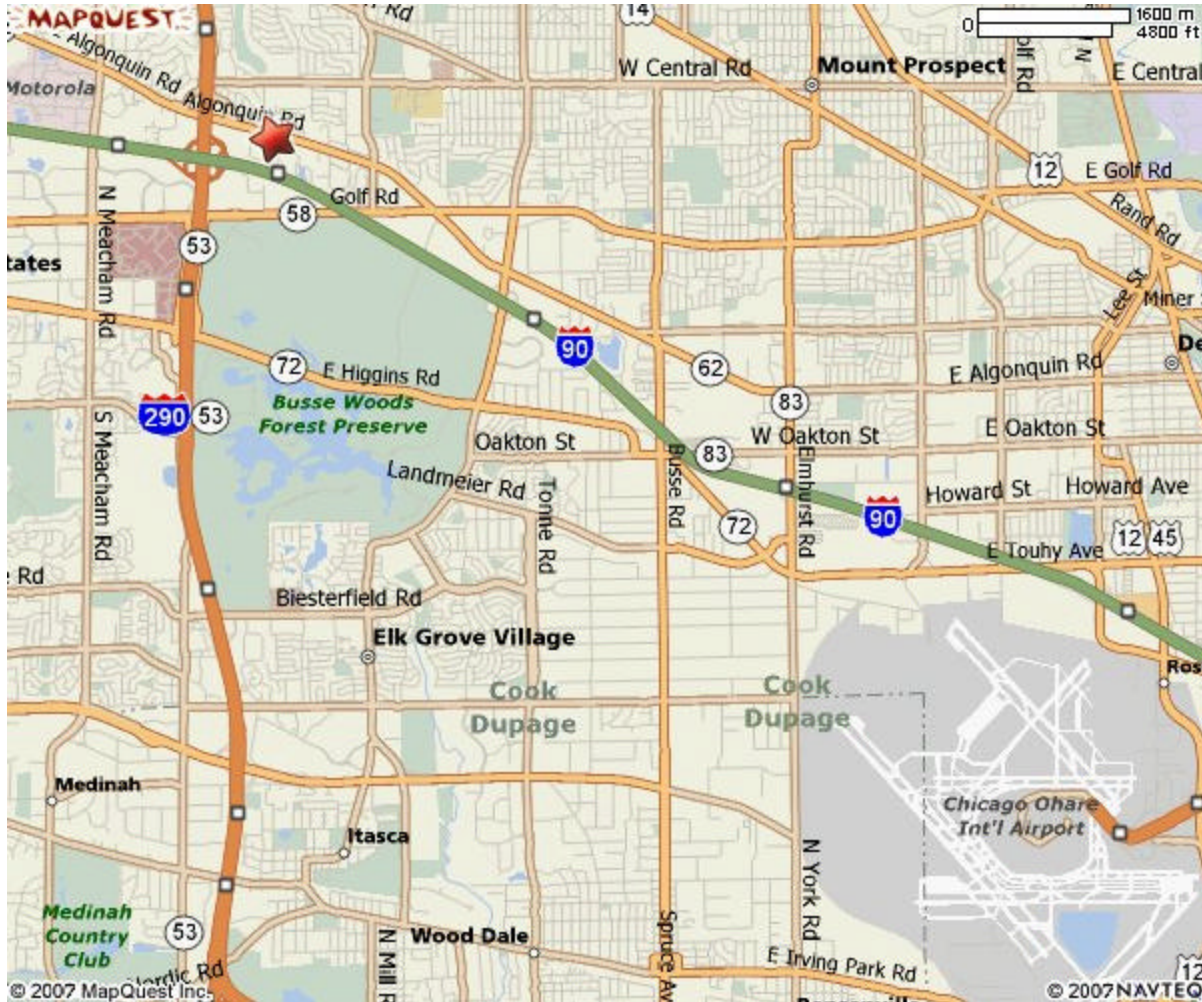
RESERVATIONS:

Send email to mjm@packereng.com with the subject 'ASME Meeting' and include your name, phone number, ASME membership number, company name, address and choice of entree. If you do not have

e-mail access, call (630) 505-5722, and leave a message stating this is a reservation for the ASME Meeting on September 11th and include the above information.

DEADLINE:

5:00pm on Wednesday, September 5, 2007. Please cancel if your plans change. Reservations not cancelled by the deadline may be invoiced cost of dinner.



October Program

There will be a tour of Hendrickson truck Woodridge facility on October 24th. Hendrickson, is one of the largest global suppliers of truck and tractor suspensions, trailer suspensions, truck and trailer lift axles, bumpers and trim components and springs to the commercial transportation industry. Mark you calendars and check the Fox Valley Section website in a few days for further information.

Chairman's Message

Welcome to another great year of ASME – Fox Valley Section activities; it will be my pleasure to serve as your Section Chairman for the year 2007-2008.

The board members have been very busy over the summer; we have held several planning meetings and are looking forward to a calendar year full of activities. We have a number of tours, speakers, professional development, and other social events planned for the upcoming season.

Of particular importance to the Section this year will be to promote:

1. Increased member participation in our activities – Speakers and Tours.
2. Professional Development – Seminars and Short Courses.
3. Interaction and networking with Professional Organizations in the area – ASM, PMI, PDMA.

Our purpose is to serve the needs of our members; therefore we ask that you do not be silent, but to let us know what you would like to see happening in our section. Your executive committee looks forward to seeing you at our future events.

Traditionally, the ASME-Fox Valley Section has been an active section, providing our members with events and activities to enhance their professional lives. With your help and participation we intend to maintain this tradition.

Participation comes in many forms and can take any level of involvement, no matter how little or how large. Don't be scared by the idea of volunteering either, it can be fun, rewarding, and provides a forum to network and meet new and creative people like yourself.

We would love to meet you and support you in any way that we can, however, before we can help, WE NEED YOU TO TAKE THE FIRST STEP AND GET INVOLVED!!

Thank you,

Jorge

Jorge Budzynski – PMP

ASME – Fox Valley Section Chair, 2007-2008.

P.S.: Keep your ASME information updated, follow the link and then enter your last name and member number.

<http://www.asmeny.org/memberaddr/html/security.htm>