

**SEPTEMBER 2004 MEETING  
Opening Night**

**WHEN:**

Thursday, September 23<sup>rd</sup>, 2004

**SCHEDULE:**

5:30 p.m. **Social Hour**  
6:00 p.m. **Dinner: ALL YOU CAN EAT!**  
**Pizza, Salad, Soda and Beer**  
7:00 p.m. **Speaker Presentation:**  
**Dan Kay**

**WHERE:**

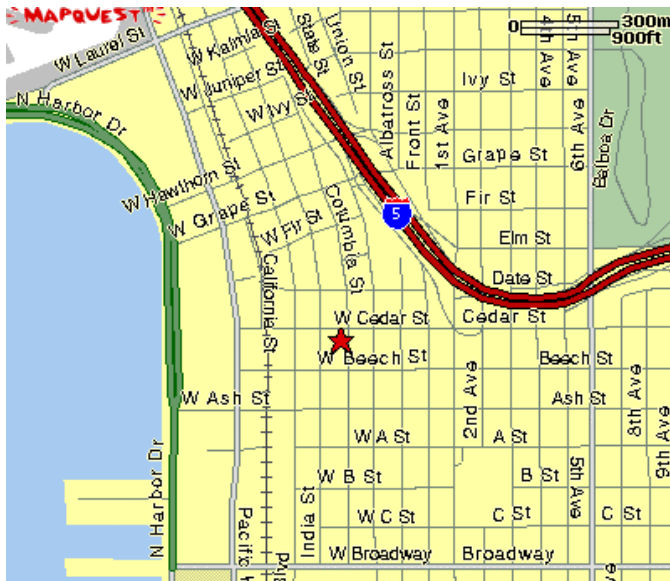
**The Firehouse Museum**  
1572 Columbia Street (at Cedar St.)  
San Diego, CA 92101  
(619) 232-3473

**COST:**

ASM Members - \$10  
Non-members - \$15  
Students - \$3

**TO REGISTER:**

Call ASM Info Line at (619) 685-8848, or send an e-mail to [sandiego@asmchapters.org](mailto:sandiego@asmchapters.org) by 9/15/03.



**Note: There is no chapter meeting scheduled for October. Instead we will be offering the Fall Seminar on **Metal and Ceramic Matrix Composites**. Please visit our website for details (<http://www.asmchapters.org/sandiego>)**

**DAN KAY**

**Kay & Associates**

**PRESENTS:**

***Filletts in Brazing: Good or Bad?***

**Abstract**

Some customers and suppliers of brazed components frequently assume that big filletts on brazed assemblies are inherently good. The phrase: "I want to see a large fillet on that braze joint" is often heard. While some might consider this to be acceptable for a welded joint, or even for a soldered connection, is it really a good practice in brazing? This talk will look at this subject in detail, examining what the microstructure of a brazed fillet looks like, and how it will impact the service life of the parts being brazed. Proper understanding of filletts is critical from a productivity, as well as a financial, and a service life, point of view! Thousands of dollars of costs ride on decisions regarding filletts in brazing!

**Bio**

Dan Kay has been involved full-time in brazing for more than 30-years, and has taught brazing seminars throughout that time. He received a BS in Metallurgical Engineering from Rensselaer Polytechnic Institute in 1966, and an MBA from Michigan State University in 1982. He spent seven years with Handy & Harman, where he not only taught their torch-brazing seminars, but also worked in the field helping customers solve both torch and induction brazing problems. From there he went to Wall Colmonoy Corporation, where for fifteen years he worked closely with furnace brazing operations around the world, both atmosphere and vacuum, still teaching brazing seminars and producing a highly successful brazing newsletter.

Dan formed his own brazing-consulting company based in Connecticut in 1995, and is involved fulltime in auditing brazing operations around the world. He teaches his own Kay & Associates Brazing Seminars several times each year.

The San Diego Chapter is proud to announce that it has once again achieved 5 star status for the 2003-2004 Chapter Year. Thanks to all who helped make it happen. Let's do it again!

**Introducing Your  
2004-2005 Executive Committee:**

**Chair - Jose Aurrecoechea**

**Vice Chair - Xioaqun Chen**

**Immediate Past Chair - Rich Bellows**

**Treasurer - Josh Kimmel**

**Events Chair - Ahsan Habib**

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