

Got Fastener Training?

**Fastener Training Institute®
Expands Course Offerings**

by:

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**FASTENER
TRAINING
INSTITUTE**

The **Fastener Training Institute® (FTI)**, Los Alamitos, CA, USA, will expand its 2013 calendar to offer more courses and two new programs. As the result of a long-standing partnership with the **Industrial Fasteners Institute (IFI)**, Independence, OH, USA, together IFI and FTI will present two new programs next year: *Aerospace Fastener Technology* and *Understanding Hydrogen Embrittlement in Fasteners*.

The *Aerospace Fastener Technology* course was developed in response to the needs of aerospace fastener manufacturers, distributors and consuming OEMs. Course details and curriculum will be published soon. This class will be offered August 27 to 29, 2013 in Southern California.

Understanding Hydrogen Embrittlement in Fasteners will be taught by **Salim Brahimi**, a leading researcher in hydrogen embrittlement in fasteners. The curriculum for this topical course includes basics of hydrogen embrittlement, the latest research results, how to manage the risk of hydrogen embrittlement and its effects on high strength fasteners. Hydrogen embrittlement can lead to fastener and joint failure with catastrophic results. Fastener manufacturers, distributors, and end users will benefit from Brahimi's knowledge and research in this critical area. This course will be offered twice in 2013—once in Southern California and a second time in the mid-west USA. Check the website (listed at the end of this article) for more details (Full disclosure: IFI provides some of the funding for Brahimi's hydrogen embrittlement research).



Salim Brahimi

FTI will start 2013 with the three-part *Product Training Program*. This series of classes will cover the fundamentals of fasteners, with each session focusing on different fasteners, terminology and basic fastener information. Each class is a full day of training and while it is intended for people new to the industry, it will be beneficial for all who want to expand their fastener knowledge.

New for 2013, the *Product Training Program* will be offered a second time during 2013, starting in June. For those who miss the three-part series, FTI offers *Fastener Basics*, which combines highlights of the three-day *Product Training Program* into one full day of valuable, fundamental information.

Also new for 2013, the acclaimed *Fastener Training Week* will be offered three times—once in Southern

California and twice in Cleveland, OH, USA. This training, in partnership with IFI, incorporates the seven classes in the *Certified Fastener Specialist™* program in an accelerated version taught over five consecutive days.

The *Automotive Fastener Technology* course, also co-produced with IFI, will be offered twice in 2013. This training is designed for technical personnel and support staff looking to consolidate fundamental knowledge and to acquire advanced technical information about automotive fasteners. Engineers, technicians, metallurgists, and technical sales staff all will benefit from this two-day course.

Throughout the year the *Certified Fastener Specialist* courses will be offered. This program consists of seven classes that can either be taken individually over the course of seven months, or in an accelerated version over five consecutive days (*Fastener Training Week*).

Classes are taught by recognized industry experts and include every-day, hands-on case studies. Individual classes do not need to be taken in sequence. If a class is missed, it can be made up the following year. To receive the CFS™ designation, students must complete *Fastener Training Week* or the seven full-day training classes offered throughout the year and pass a take-home exam at the end of the training.

Upon completion of the program and passing the exam, students receive an engraved plaque designating their certification as a fastener specialist, according to the requirements established by the Fastener Training Institute.

Please contact the FTI to be placed on a mailing list for any fastener training courses by sending an email to info@fastenertraining.org. Check the website below for the complete 2013 calendar

The Fastener Training Institute's core purpose is to enhance fastener use, safety and reliability.

For more information visit www.fastenertraining.org.

FTI

John Wachman is Director of the **Fastener Training Institute** and the head of **Desert Distribution Sales LLC**, a manufacturer's representative company located in Scottsdale, AZ, USA. To receive additional information, visit the website listed below.
www.fastenertraining.org