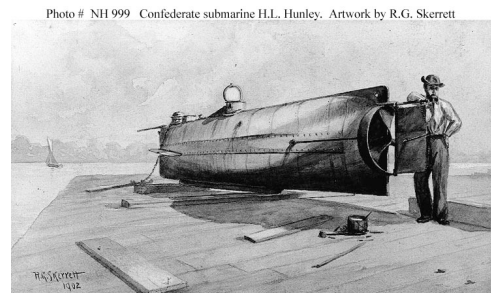


March 25, 2010
Hyatt Regency
575 Memorial Drive, Cambridge, MA
Spouses Night!



HL Hunley Submarine - Resurrecting Civil War Technology

**Jon Tirpak,
Trustee, ASM International and
Executive Director
Advanced Technology Institute**



About our speaker

Jon D. Tirpak, ASM Trustee, FASM, is executive director, program manager, and principal investigator at the Advanced Technology Institute (ATI). Prior to his 12 years at ATI, he was the net shape program manager for the corporate technology laboratory at Aeroquip Corp. (1993-96) and program manager at Universal Technology Corp. (1989-93). Tirpak has also served as program manager for the Defense Logistics Agency's PROFAST (Procurement Readiness Optimization - Forging Advanced Systems Technologies) Program and On-Demand Manufacturing Program, and the U.S. Army's Vanadium Technology Program. He is presently the Forging Advanced Systems Technologies (FAST) Program Manager.

An ASM Fellow, Tirpak received his bachelor's in metallurgical engineering from Lafayette College and his master's in materials engineering from the University of Dayton. He is a member of the ASM New Products & Services and Events Committees, and has served as secretary of the ASM Dayton Chapter.

Maritime Archaeology—Preserving the CSS H.L. Hunley

The H.L. Hunley was the first submarine to sink an enemy ship in combat on February 17, 1864. The Hunley was also lost that day and successfully recovered from the sea off the coast of Charleston, South Carolina, U.S.A., in August of 2000. The H.L. Hunley represents an exciting future in maritime archaeology and conservation science. From its shrouded birth to its climactic sinking to the present day, the H.L. Hunley continues to draw attention from local traditionalists, to national historians, to international scientists all fascinated with various aspects of the submarine such as the crew's lives and personal artifacts, the war which spawned its development, the innovators that designed and built the vessel, and the conservators charged with stabilizing, preserving and displaying the submarine for generations to come. Ultimately the H.L. Hunley represents 5 significant stages of its history: its design and manufacture, its wartime service which culminated in its loss, its recovery; its excavation and long term conservation. Overlaying all of these stages are the interpretation of the significance of each and every facet of this history making vessel.

This presentation was originally prepared by Mr. Paul Mardikian, the Senior Conservator of leading a teamed effort to preserve the H.L. Hunley. The presentation was made at the Fellows Breakfast 2007 in Detroit. Since then, Mr. Jon Tirpak has been granted permission by Clemson University to share this exciting story with Chapters of ASM International. This presentation will stitch together the past, present and future as he provides highlights to the vessel's construction, loss, recovery and preservation.

Reservations

By: Tuesday, March 23
800-467-1057

www.asmboston.org/Calendar

Please indicate dinner preference: chicken,
fish, or vegetarian

Time

Social 6:00
Dinner: 6:30
Speaker: 7:30

Cost

- ASM member \$28, spouses \$15
- Non-member \$35
- Student, ASM member \$15
- Student, non-member \$18
- Job-seeker \$15

Validated parking at Hyatt garage