

Member News



Updates on friends and colleagues in the materials community

Jeffrey Wadsworth Elected to Chinese Academy of Engineering



Jeffrey Wadsworth, president and chief executive officer, Battelle, has been elected a Foreign Fellow of the Chinese Academy of Engineering (CAE). Wadsworth is one of six non-Chinese scientists elevated to membership in the CAE, which is comprised of only 500 scientists total.

The CAE's president, Zhou Ji, cited Wadsworth's "outstanding achieve-

ments in engineering and technological sciences as well as . . . remarkable contributions to China's engineering and technology development."

Wadsworth is internationally known for his work on the properties of refractory metal alloys, ultra high-carbon steels, and aluminum alloys. His research in the specialized field of superplasticity is complemented by his expertise in Damascus steel, a famous ancient sword making material.

Wadsworth was inducted as a TMS Fellow in 2000.

Additional Membership Savings Announced for Wiley Publications



TMS's publishing partner John Wiley & Sons is offering TMS members two new savings opportunities to facilitate staying abreast of the latest developments in materials science and engineering.

Starting immediately, Wiley is making a limited number of free article downloads available to TMS members from the comprehensive Wiley Online Library. This can be accessed at onlinelibrary.wiley.com. Professional members may download one article per month from a pool of more than 4 million articles from 1,500 journals.

In addition, Wiley is extending the 25% discount that has been available to members on TMS products to all other products sold by Wiley. To receive your discount, be sure to enter the coupon code: TMMMS, in the appropriate space during your checkout on the Wiley site. For additional information on these and other benefits, go to the TMS Members Only website.

U.S. National Academy of Engineering to Induct Steven Zinkle



Steven J. Zinkle has been elected to the National Academy of Engineering (NAE). Membership in the NAE is among engineering's top professional honors. Zinkle has been cited by the academy "for advancing understanding of radiation damage in metallic and ceramic components."

Zinkle, a UT-Battelle Corporate Fel-

low and chief scientist for Oak Ridge National Laboratory's (ORNL) Nuclear Science and Engineering Directorate, has focused his work on deformation and fracture mechanisms in structural materials and the investigation of radiation's effects on ceramic materials and metallic alloys for fusion and fission reactors. He is the author or co-author of more than 240 peer-reviewed publications and is a 2011 TMS Fellow.

Zinkle will be formally inducted at the NAE's annual meeting in Washington, D.C., in September.

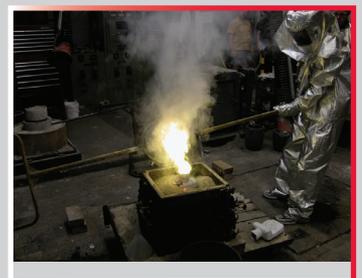
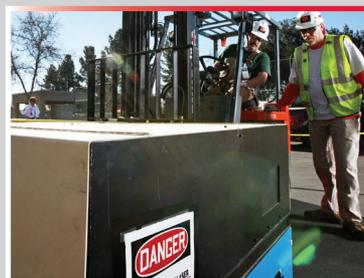
Your Suggestions Needed for "Meet a Member" Feature

Over the last year, *JOM*'s popular "Meet a Member" feature has offered a glimpse of the diverse talents, interests, and aspirations of the people who make up the TMS community. The determination and passion that these individuals have

demonstrated for their art, their sport, or their cause have often been inspiring, while also providing insights into how these pursuits have informed them as accomplished materials science and engineering professionals.

JOM is always looking for new

"Meet a Member" ideas. If you have a hobby, interest, or story that you would like to share, either about yourself or a member you know, please contact Lynne Robinson, *JOM* news and feature writer, at lrobinson@tms.org.





TMS Member Profiles

Symposium Honors the Legacy and Friendship of Patrick Veysseyère

By Lynne Robinson

Editor's Note: This article is excerpted from a feature posted on Materials Technology @ TMS at materialstechnology.tms.org/emt/article.aspx?articleID=4409.

In both his professional accomplishments and personal pursuits, Patrick Veysseyère pushed constantly for a deeper understanding of the world around him. “He was very curious about culture, and enjoyed discovering people with uncommon backgrounds as he traveled around the world,” said Veysseyère’s colleague and close friend Georges Saada, professor (retired), Laboratoire d’Etude des Microstructures (LEM), Centre National de la Recherche Scientifique—Office National d’Etudes et de Recherches Aérospatiales. “He would always come back with extraordinary stories and objects.”

Revealing the “extraordinary” was also a hallmark of Veysseyère’s work, which was principally focused on understanding nanometer- and micrometer-scale deformation mechanisms in materials. “His specialty was in using a technique called ‘weak-beam imaging’ in the transmission electron microscope to perform quantitative studies of dislocation defects in metals and intermetallic alloys,” said Dennis Dimiduk, technical director, Metals, Ceramics and

Nondestructive Evaluation Division, U.S. Air Force Research Laboratory. “His research unraveled some of the most intriguing mechanistic sequences of dislocation interactions that have ever been studied, providing hard evidence for understanding strengthening and flow in those materials.”

Veysseyère’s work was cut short with his untimely death in 2011. His legacy as a scientist, colleague, and friend, however, is powerfully enduring and will be celebrated at the Symposium in Memory of Patrick Veysseyère: Understanding the Mechanisms Controlling Plastic Flow at the TMS 2012 Annual Meeting and Exhibition, March 11–15, 2012, in Orlando, Florida.

“We first wanted to convene experts and dig into the frontiers of materials deformation research through the talks presented at the symposium,” said Dimiduk, one of the symposium organizers, along with Saada. “We also hope this provides an opportunity for the many researchers who knew Patrick to gather, interact, and exchange some of their experiences with this very special man.”

Veysseyère’s generous nature, sense of humor, and zest for life outside of the laboratory have left their mark as



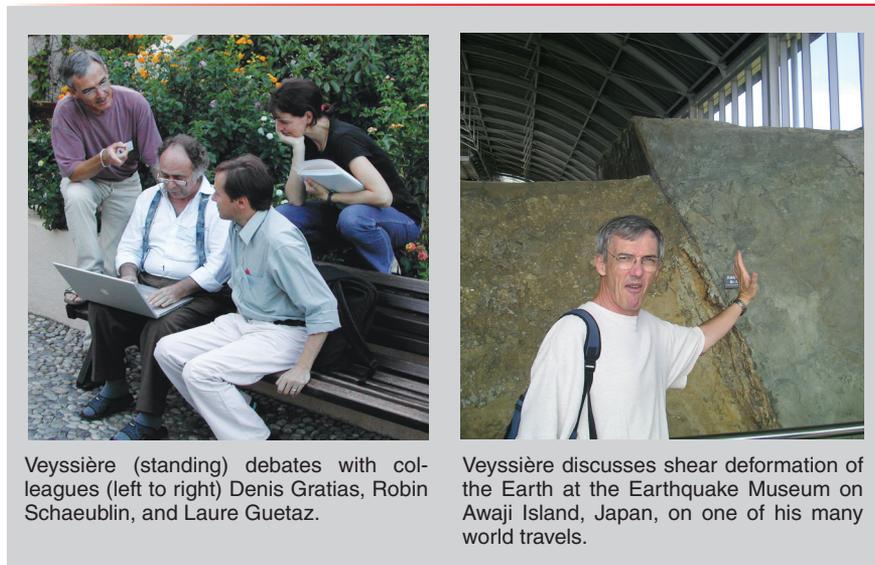
Veysseyère with his wife, Marie-Claude, in their beloved garden in Poitiers, France.

deeply on his colleagues, friends, and family as his scientific accomplishments. Although the LEM was located in a suburb of Paris, Veysseyère chose to raise his children in the idyllic, historic town of Poitiers, making the 296 kilometer one-way commute by high-speed train every week for more than 20 years. He also opened his home to many fellow researchers, including Haruyuki Inui, professor, Kyoto University and another symposium organizer, who recalled, “He loved nature and the big garden at his house in Poitiers was always full of flowers.”

“I believe that Patrick was one of the most approachable and approaching scientists that I have ever met,” said Dimiduk. “He actively sought out new researchers and their contributions, before the community at large generally noticed their work. He often mentored them and objectively considered all aspects of their perspectives.”

Dimiduk said that he counted himself among the young researchers who benefitted from Veysseyère’s dedication to the people, as well as the science, of his field., saying, “Patrick may have been surprised if he only knew how important he was in setting my career off to a valuable start.”

Each month, *JOM* profiles a TMS member and his or her activities both in and out of the realm of materials science and engineering. To suggest a candidate for this feature, contact Lynne Robinson at lrobinson@tms.org.



Veysseyère (standing) debates with colleagues (left to right) Denis Gratias, Robin Schaeublin, and Laure Guetaz.

Veysseyère discusses shear deformation of the Earth at the Earthquake Museum on Awaji Island, Japan, on one of his many world travels.