



Updates on friends and colleagues in the materials community

TMS Members Benefit Big in 2009 with On-line Access to 24 Journals

The start of the 2009 TMS membership year will open the door to a suite of new metallurgical and materials-based journals for members. In addition to having free electronic access to the technical resource *JOM*, and archival publications *Journal of Electronic Materials*, *Metallurgical and Materials Transactions A*, and *Metallurgical and Materials Transactions B*, members will gain free on-line access to 20 Springer journals in the coming year.

“Having available to TMS members such a vast set of archival journals and technical publications is a monumental achievement and a tremendous benefit,” said Diran Apelian, TMS president. “Digital connectivity to the literature is liberating and humbling. Bravo to TMS for making this a reality.”

The journals to be offered are:

- *Applied Composite Materials*
- *Applied Physics A: Materials Science and Processing*
- *Applied Physics B: Lasers and Optics*

- *Glass Physics and Chemistry*
- *International Journal of Fracture*
- *International Journal of Mechanics and Materials in Design*
- *Journal of Elasticity*
- *Journal of Electroceramics*
- *Journal of Engineering Physics and Thermophysics*
- *Journal of Materials Science*
- *Journal of Materials Science: Materials in Electronics*
- *Journal of Materials Science: Materials in Medicine*
- *Journal of Nanoparticle Research*
- *Journal of Sol-Gel Science and Technology*
- *Journal of Superconductivity and Novel Magnetism*
- *Materials Science*
- *Mechanics of Composite Materials*
- *Mechanics of Time-Dependent Materials*
- *Metallurgist*
- *Oxidation of Metals*

Individual members, international

e-members, recent graduates, and corporate members will have access to this unique collection of journals.

In addition to the 24 electronic publications members will be able to access January 1, TMS will continue to offer networking and educational opportunities, as well as additional research and educational tools, to members.

For example, the TMS e-Library provides each member with databases and on-line collections of engineering reference books with tools to analyze and manipulate the data. Powered by Knovel’s intuitive technology, the e-Library includes sorting, capturing values from existing graphs, and performing what-if experiments on the data.

In addition, the *AIME Transactions Archive* allows members to access, in PDF format, 100 years of technical papers and proceedings from the American Institute of Mining, Metallurgical, and Petroleum Engineers. The archive has 247 volumes of papers published between 1871–1970.

In Memory of Placid Rodriguez, 1940–2008

In August, Placid Rodriguez, former director of the Government of India’s Department of Atomic Energy, Indira Gandhi Center for Atomic Research (IGCAR), and past president and director of the Indian Institute of Metals (IIM), passed away at the age of 67. He had been a member of TMS since 1997.



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Rodriguez was internationally known for his R&D contributions in mechanical metallurgy, welding metallurgy, and nuclear materials. His pioneering contributions while at IGCAR included elucidating polycrystal work-hardening, dynamic strain aging, and environmental degradation.

In 1960, Rodriguez joined the Department of Atomic Energy in the

Bhabha Atomic Research Center, Bombay, and later became a senior metallurgist at IGCAR, Kalpakkam (then Reactor Research Center). He also was chairman of the Recruitment and Assessment Center of Defense Research and Development Organization in New Delhi.

Rodriguez served as president of IIM, the Indian Institute of Welding, and the Indian Nuclear Society, and was designated a fellow of the Indian National Academy of Engineering, the Indian Academy of Sciences, National Academy of Sciences India, and IIM, among other designations.

He earned numerous academic degrees, including a bachelors of engineering degree in metallurgy and a Ph.D. from the Indian Institute of Science (IISc), Bangalore; a masters degree from the University of Tennessee; and an MBA from the Indira Gandhi National Open University.

TMS MEMBER RECEIVES FELLOW OF ABET AWARD

TMS senior member Carl McHargue received the 2008 Fellow of ABET Award. He is the first TMS member to receive this award. The TMS Accreditation Committee nominated him for his service to ABET, Inc. as the TMS representative, his leadership and guidance during ABET’s transition to EC2000, and for his work on the International Accreditation Activities in serving the international engineering community.



McHargue is a professor and director in the Center for Material Processing at the University of Tennessee, Knoxville. He was scheduled to receive the award at the ABET Awards Banquet in Louisville, Kentucky, in October.