

Dr. Daniel P. Dennies, FASM
Principal and CEO
DMS Inc.
Foothill Ranch, CA
Vice President and Trustee (2024-2027)



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Dr. Daniel P. Dennies is a licensed metallurgical Professional Engineer in the state of California. He has 31 years of experience working in various raw material, forging, aerospace, and aircraft related industries, and 16 years as a consultant. His experience in industry included working as a technical specialist and technical manager. He finished a career with Boeing as a Technical Fellow. His career in the aerospace industry included working on projects such as the Space Shuttle Main Engine, the National Launch

System, the National Aerospace Plane, rockets like Delta and Titan, and the International Space Station. He has also worked on commercial aircraft like the Boeing 787, military aircraft such as the F-18 and C17, and proprietary programs such as the X-37B Experimental Unmanned Space Plane. As a consultant, Dan has worked on projects in various industries such as construction, plumbing, food processing, land based turbines, biomedical devices, fasteners, additive manufacturing and power generation /energy.

He has given numerous technical presentations and has over 100 peer reviewed publications, including two books. He collaborated with NASA as a reviewer/contributor for an AIAA book on additive manufacturing in 2022.

Dan has been an active member of ASM for 47 years. He was an ASM Board trustee in 2006-2009 and an ASM Education Foundation trustee in 2004-2006 where he championed the Materials Camp program. He participated in over 50 Materials Camps over 20 years including the first Materials Camp. He has been an instructor and developer of ASM courses for 24 years. He was recently the President of the International Metallographic and the Failure Analysis Society affiliate societies. Dan was a handbook editor/contributor to the ASM Handbooks on Failure Analysis Volume 11 and 11A published in 2021. He has served on 13 different ASM national journals, committees and councils. Dan has been on the LA chapter executive committee for over 30 years. He is currently working the effort for the LA chapter 100 year anniversary.

Dan has earned numerous technical and volunteer awards over the years including the William Hunt Eisenman award in 2024, Journal of Failure Analysis and Prevention Editor's Choice Article award in 2021, George Roberts award in 2011, Journal of Failure Analysis and Prevention Best Paper Award in 2010, Prestigious Engineering Achievement Award by Orange County Engineering Council in 2005,



Allan Ray Putnam award in 2004, ASM Fellow in 2002, ASM Instructor of Merit award in 2002, and the NASA Silver Snoopy Award in 1998. He was an ASM Scholar in 1978.