

# DSL2017

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Omar S. Es-Said is a professor in the Mechanical Engineering Department at Loyola Marymount University in Los Angeles, California. He was hired as an assistant professor from 1985-1992, associate professor from 1992-1998, and full professor from 1998-present. He received his B.S. degree in physics and his M.S. degree in solid state physics from The American University in Cairo. He received his PhD in Metallurgical Engineering and Materials Science from the University of Kentucky, Lexington in 1985. His current research interests include metallic processing, modeling, experimental, techniques, and failure analysis. He published over 300 papers, which included refereed journal articles, conference proceedings, industrial reports, and Department of Defense (DoD) reports. He has been an associate editor from 2008-present for the American Society of Materials' (ASM) Journal of Materials Engineering and Performance (JMPEP). He has been a key reader for the Metallurgical Transactions A Journal from 2004-present. He has been on the editorial board of the Engineering Failure Analysis Journal from 2003-present. He received several awards: The Society of Automotive Engineers (SAE), Teetor Award in 1994, until the Elmer L. Hann Award from The Society of Naval Architects and Marine Engineers in 2011. He received several grants for research funds and research equipment from the National Science Foundation (NSF), NASA, Boeing Cooperation, and the Navy for a total of over \$3.4 million dollars. He was a consultant for the Navy from 1994-present. He was hired as a Distinguished Summer Faculty Fellow at The Navy Facilities Engineering Services Center (NFESC) in the summers of 2010-2015. He became an American Science of Materials (ASM) Fellow in 2005. He was an invited speaker in many conferences and universities including: Cambridge University, The American University in Cairo, and Paris 8 University. He was an invited key-note speaker for the International Conference on Advanced Energy Materials (ICAEM 2016) in Kuala Lumpur, Malaysia and the **International Conference on Design and Production Engineering (DESIGN & PRODUCTION 2016) in Berlin, Germany.**