Given in recognition of outstanding achievement in the field of tribology and lubrication. All publishing awards are for papers printed in Tribology Transactions, STLE’s peer-reviewed journal.

2014 STLE Awards

STLE International Award
Dr. Bharat Bhushan, The Ohio State University
This award is STLE’s highest technical honor and bestows lifetime honorary membership on the recipient, who need not have been a member of STLE. It is given in recognition of the recipient’s outstanding contributions in tribology, lubrication engineering or allied fields. Established in 1948.

P.M. Ku Meritorious Award
Leslie R. Heerdt, Falex Corp.
The Ku Award was established in 1978 and is given to the STLE member who most typifies the dedicated spirit of the late P.M. Ku, who worked tirelessly to promote and advance the mission of STLE. The award has been established to recognize outstanding and selfless achievement on behalf of STLE. To qualify for the honor, the recipient must have been a member of the society for at least 15 consecutive years and performed extensive active, dedicated service.

Vic Joll Award
John McConnel, Portland Section
The Vic Joll Award recognizes outstanding and selfless contributions by a member of an STLE local section. It is given to a section member who has worked tirelessly and continuously for the benefit of the section, devoting numerous hours in the performance of many tasks necessary to promote and advance the mission of the section and of STLE. The award is named in honor of the late Vic Joll, 1978-79 STLE president who championed local sections.

Edmund E. Bisson Award
Shigeo Shimizu
“A New Life Theory for Rolling Bearings – By Linkage Between Rolling Contact Fatigue and Structural Fatigue.”
The Bisson Award was named in honor of Edmund E. Bisson, former STLE editor-in-chief. Established in 1991, the award is given to STLE members or non-members for the best-written contribution published by the society in the year preceding the Annual Meeting. The purpose of the award is to stimulate the interest of young engineers in the science of lubrication and the activities of STLE.

Frank P. Bussick Award
Wei Li, Lyndon S. Stephens, Jonathan F. Wenk
“Experimental Benchmarking of the Numerical Model of a Radial Lip Seal with a Surface Textured Shaft.”
Presented for the most outstanding technical paper written on sealing systems technology and materials. The award is sponsored by the STLE Seals Technical Committee and honors a former committee chair and STLE board member.

Capt. Alfred E. Hunt Award
Zhanjiang Wang, Xiaojing Jin, Leon M. Kreer, Qian Wang
“A Numerical Approach for Analyzing Three-Dimensional Steady-State Rolling Contact Including Creep Using a Fast Semi-Analytical Method.”
Named for ALCOA’s first president, this award is given annually to the STLE member or members authoring the best paper dealing with the field of lubrication or an allied field.

Walter D. Hodson Award
Andrew T. Cross
The Hodson Award was established in 1950 and is given to the lead author of the best paper written by an STLE member 35 years of age or younger published by the Society during the year preceding the Annual Meeting. The purpose of the award is to recognize the outstanding paper written on the practical aspects of lubrication published by the society during the prior year.

Wilbur Deutsch Memorial Award
Hongyuan Zhao, Ardian Morina, Anne Neville, Richard Vickerman
“Anti-Shudder Properties of ATFs—Investigation into Tribofilm Composition on Clutch Friction Material and Steel Surfaces and the Link to Frictional Performance.”
Named for a former STLE president, this award recognizes the outstanding paper written on the practical aspects of lubrication published by the society during the prior year.

Surface Engineering 2014 Best Paper Award
“Surface Texturing of Drill Bits for Adhesion Reduction and Tool Life Enhancement,” by Tiffany Davis Ling, Pinzhi Liu, Shangwu Xiong, Donald Grzina, Jian Cao, Q. Jane Wang, Z. Cedric Xia, Rajesh Talwar Tribol Lett.

STLE 2014 FELLOWS
STLE Fellows are persons of outstanding personal achievement in the field of tribology or lubrication engineering who have 20 years of active practice in the science and/or engineering professions and have been an STLE member for 10 years. They are nominated by the Fellows Committee and approved by the STLE board of directors.

Fellows Award Winners
• Girma Biresaw, U.S. Dept. of Agriculture
• Robert Gresham, STLE Staff
• Greg Sawyer, University of Florida
• Min Zou, University of Arkansas

Student Scholarships
• Klaus Scholarship, Hamed Ghaednia, Auburn University
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Almost all of these organizations are here in Lake Buena Vista with a booth in the trade show. Please make time in your convention itinerary to visit the trade show and meet with executives from the companies who are supporting STLE activities.

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