



PRESS RELEASE:
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AIM's Mehran Maalekian to Present at the LED Assembly, Reliability & Testing Symposium

November 20th, 2017 — Cranston, Rhode Island USA - AIM Solder, a leading global manufacturer of solder assembly materials for the electronics industry, is pleased to announce that Dr. Mehran Maalekian, Research & Development Director, will present the white paper “The Development of a Novel Solder Alloy to Improve LED Solder Interconnect Durability,” at the LED Assembly, Reliability & Testing Symposium, scheduled to take place on November 28th – November 30th, 2017 at the Archie K. Davis Conference Center in Research Triangle Park, NC.

The adoption of LED lighting technologies is rapid and widespread due to their efficiency, durability and design adaptability. However, these newer applications place increasing demands on functionality and reliability requirements. Dr. Maalekian’s paper explores failure mechanisms of common SAC alloys when exposed to high temperatures and studies the use of bismuth and micro-alloyed elements which have shown a dramatic improvement in the thermal and mechanical durability of solder interconnects in LED lighting applications.



Dr. Maalekian is experienced in materials engineering with a focus on physical metallurgy, soldering, modelling in materials engineering, metal forming and thermo-mechanical processes. Dr. Maalekian has received numerous recognitions including the National Sciences and Engineering Research Council of Canada Award, the International Henry Granjon Prize (IIW), and IWS-Sossenheimer Award. He has been awarded the honor of Speaker of Distinction by the Surface Mount Technology Association (SMTA). Dr. Maalekian has published many scientific and technical papers, serves as a reviewer of several scientific journals, and is on the editorial board of “Science and Technology of Welding and Joining.”

About AIM

Headquartered in Montreal, Canada, AIM Solder is a leading global manufacturer of assembly materials for the electronics industry with manufacturing, distribution and support facilities located throughout the world. AIM produces advanced solder products such as solder paste, liquid flux, cored wire, bar solder, epoxies, lead-free and halogen-free solder products, preforms, and specialty alloys such as indium and gold for a broad range of industries. A recipient of many prestigious SMT industry awards, AIM is strongly committed to innovative research and development of product and process improvement as well as providing customers with superior technical support, service and training. For more information about AIM, visit www.aimsolder.com.