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Cal Poly Engineering Professor Wins International Poster Competition

SAN LUIS OBISPO – Cal Poly industrial and manufacturing professor Jianbiao Pan came home from an international conference in Bannockburn, Ill. with a first place ribbon and cash prize of $5,000. Pan won the prize in the International Poster Competition (IPC) for a poster entitled "The Calculation of Liquidus Temperature for Various BGA/CSP Assemblies."

The poster presents a detailed algorithm for calculating solder alloy composition for various lead-free applications. Using the algorithm, Pan has developed and posted an online calculator for use by the industry. This calculator can be found at http://www.calpoly.edu/~pan/LTCalculator.html.

"This was our first year sponsoring a worldwide academic poster competition and we were extremely pleased with the submissions," said Tony Hilvers, IPC vice president of industry programs. "The posters reflect the best of electronic interconnection research being conducted at the academic level, and we're delighted to be able to bring the students and academic advisors together with industry to foster greater cooperation."

Universities from around the world competed at the event in March. IPC is a 2,700-member global trade association representing all facets of the $1.7 trillion global electronics industry.

Poster finalists came from prestigious engineering universities worldwide, including Purdue, Osaka University, Johns Hopkins, University of Maryland, Warsaw University of Technology, UC Irvine and others.

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