

High Voltage Association Student Excellence Award

The “High Voltage Association Student Excellence Award” was established in May 2008 to recognize the contributions made by a graduate student in the high voltage systems and components research & technology.

The award is financially sponsored by the High Voltage Association, formed by several companies who have products and research in high voltage systems and components. The sponsorship carries an honorarium and partial reimbursement of conference/travel expenses of the student to the conference. The award was presented to a student for the first time at the 2008 Power Modulator Conference. The companies represented the HVA are Ultravolt Inc., SBE Inc., Stangenes Industries Inc., HVR Advance Power Components, Diversified Technologies, Inc. General Atomics Electronics Systems, and Dean Technology, Inc.

Nominees for the awards are expected to be current students or recent graduates (up to 18 months prior to the conference date) and be members of IEEE at the time of the award nomination/presentation. They will be expected to participate in the conference and included in the authorship of a paper or papers accepted for presentation at the conference.

This year’s recipient of the High Voltage Association Student Excellence Award is Fahd Banakhr from Loughborough University.

Previous High Voltage Association Student Excellence Award Recipients:

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| J. Thomas Camp | Old Dominion University, Norfolk, VA | 2008 |
| James A. VanGordon | University of Missouri, Columbia, MO | 2010 |

The 2012 High Voltage Association Student Excellence Award

was presented to

Fahd Banakhr

**“for outstanding contributions in the application of
high voltage and pulsed electric fields and measurements
for bioelectric studies”**

**June 5, 2012
San Diego, CA**



Fahd A. Banakhr was born in 1977 in Saudi Arabia, and he is currently a Ph.D. student at Loughborough University. He received a degree in Electronics and Industrial Control from the University of Nottingham in 2006, and an MSc in Electronics Instrumentation Systems from the University of Manchester in 2007. His current research interests are in Sensors and control systems, Pulsed Power, and Power Electronics. In 2011, he was awarded the Sir Robert Martin prize from Loughborough University for his research and non-academic activities.