I Wish IJTAG would do this ...

Moderator : Hans-Martin Von Staudt (Dialog – a Renesas Company)
Panelists : Michele Portolan (Univ. Grenoble Alpes/G-INP/TIMA, France)
J.F Cote (Siemens EDA, USA)
Tom Waayers (NXP, The Netherlands)
Jeff Rearick (AMD, USA)
Organizers : Michele Portolan (Univ. Grenoble Alpes/G-INP/TIMA, France)
Jeff Rearick (AMD, USA)
Martin Keim (Siemens EDA, USA)

Abstract

IEEE 1687-2014 gained traction in the test community very fast. Numerous innovations, publications, and implementations have been described, from both, industry and academia. Today, 7 years plus a few months after the release of the standard, much of the commercial test infrastructure is based on IJTAG. It is supported by all three major EDA tool vendors. In addition, derivatives of IEEE 1687, namely IEEE P1687.1 and P1687.2 are in active development.

This is not to say that the original IEEE 1687 standard is without flaws. The 1687 working groups has actively collected not only errata, but also requests from users and tool developers alike, asking for upgrades to the standard, if it ever will be reopened. This time has finally come. In January 2022, Jeff Rearick had submitted a modified PAR, initiating the process. This PAR was subsequently approved, and with that, the P1687 is now officially open for upgrades.

Michele Portolan

Jeff Rearick

Martin Keim

JF Cote

Tom Waayers

Hans-Martin Von Staudt