

Automatic Test Committee Chair's Report

Les Orlidge

Slattery Award

- Winner: Michael Dewey
- Award will be presented at Awards Luncheon on Wednesday
 - You can register for lunch separately from Technical program

Upcoming NDIA SED Events

- **20th Annual Systems Engineering Conference**
Event #8870, October 23-26, 2017
Waterford, Springfield, VA
<http://www.ndia.org/events/2017/10/23/20th-systems-engineering-conference>
- **Annual Strategic Planning Session / SED Meeting**
December 6, 2017 in the Washington, DC area
(TBD)

IEEE SCC20

- Ballot Closed - P1636 Draft Standard for Software Interface for Maintenance Information Collection and Analysis (SIMICA)
 - This standard is an implementation-independent specification for a software interface to information systems containing data pertinent to the diagnosis and maintenance of complex systems consisting of hardware, software, or any combination thereof.

- Ballot Closed – P1636.1 Draft Standard for SIMICA: Exchanging Test Results & Session Information via eXtensible Markup Language
 - Via XML and Web Ontology Language (OWL)

- Ballot Closed – P1636.2 Draft Standard for SIMICA: Exchanging Maintenance Action Information via eXtensible Markup Language
 - Information associated with the removal, repair, and replacement of system components to maintain/support an operation system

IEEE SCC20

- Recirculation Ballot Closed – P1671.1 Draft Standard for Automatic Test Markup Language (ATML) Test Description
 - Defines an exchange format, utilizing XML, for specifying test performance, test conditions, diagnostic requirements, and support equipment to locate, align, and verify the proper operation of a Unit Under Test (UUT).
- Recirculation Ballot Closed – P1671.3 Draft Standard for Automatic Test Markup Language (ATML) Unit Under Test (UUT) Description
 - Defines an exchange format, utilizing XML, for both the static description of unit under test (UUT), and the specific description of UUT instance information.

IEEE SCC20

- Recirculation Ballot to Open - P1871.2 Draft Recommended Practice for IEEE 1671 Test Equipment Templates and Extension Classes for Describing Intrinsic Signal Path Information for Cables, Interface Adapters and Test Equipment

Purpose:

- To document and enable programmatic access to the intrinsic characteristics of path related resources found in automated test systems via ATML
- To show best practices in how to extend ATML in order to gain access to more detailed intrinsic path characteristics that applications often require