

**Minutes of TC-10 Meeting of
20 February 2008 in Colorado Springs, Colorado**

Attendance:

Tom Linnenbrink	Hittite Microwave
Jerry Blair (by web)	National Security Technologies
Sol Max	LTX Corporation
Alex Goncharenko	Schlumberger
Bob Graham	Sandia
Bill Boyer	Sandia (retired)
Niclas Björssel	University of Gävle
Don Larson (by web)	NIST
Nick Paulter	NIST
Fang Xu	Teradyne
Steve Tilden	Texas Instruments
Pasquale Daponte	University of Sannio

Minutes prepared by Jerry Blair, j.blair@ieee.org.

The agenda (appended to these minutes) was distributed, and no changes or additions were made.

We thanked Hittite for hosting the meeting and TI for supplying their WebEx facilities.

- Review of minutes from previous meeting. The spelling of Richard Liggiero's name was corrected. The revised minutes have been placed on the web page.
- Correspondance, etc.
 - We finally got the engraving done for Fang Xu's best-paper award.
 - Pasquale Daponte has been elected to the I&M Society AdCom.
 - Pasquale handed out some materials:
 - Eulalia Balestrieri's Ph.D. thesis: Proposals for Updating and Harmonizing International Standards on ADCs and DACs,
 - European Credit Transfer System (ECTS) guide book for the Socrates/Eramus Programme.
 - The DVD including the papers of the "12th Workshop on ADC Modelling and Testing" held in Iasi, Romania, September 19 - 21, 2007.
 - Tom Linnenbrink was appointed as ADC/DAC representative for the I&M society.
 - The 2008 membership information will soon be placed on the web.

- We must control the number of styles that are in the standards documents that we submit to the IEEE. There were hundreds in Standard 1057-2007.
- The archiving of the web sites has been completed. Older materials are in archive folders that are available to the users.
- Sergio Rapuano has received the I&M society's Outstanding Young Engineer Award for 2008
- SCOPT Report
 - Tom Linnenbrink forwarded a request from IEEE regarding maintenance schedule for IEEE Std 181-2003. Per the e-mail from the IEEE, there are four options: a) reaffirm, b) revise, c) extend, and d) withdraw. Nick Paulter (SCOPT chair) will request that the standard be revised to address errors previously found, requests to add parameters for impulse-like waveform parameters, etc.
 - Nick has been elected the convener for Maintenance Team (MT) 18 of the IEC Technical Committee 85, which has responsibility for maintenance of the IEC 60469-1 and -2, which are almost verbatim copies of the obsolete IEEE Stds 181-1974 and 194-1974.
 - In his capacity as the convener for the MT18, Nick has identified up to 6 participants from 6 different countries, which is sufficient to start the maintenance activity for the IEC standards. Once these participants have been confirmed, the MT18 activity can start.
 - Nick's first order of business with the MT18 will be to gain acceptance of the IEEE Std 181-2003 as the starting document. Success in this activity will dictate how he will plan to coordinate the MT18 and SCOPT maintenance efforts.
- SCOPS Report
 - The beginning of a draft is on the website.
 - There is a core of 5 members, one from each of the major manufacturers.
 - The subcommittee will be meeting later this week.
- Waveform Committee Report (by phone)
 - The standard has been approved by the standards board and is now in the editing stage. (It was released on 4/18/08.)
- ADC Committee Report
 - A meeting was held yesterday. We want to make the standard more similar to standard 1057.

- It must be finished by summer of next year.
- DAC Committee Report
 - We will be meeting tomorrow. an extension to 2010 has been applied for. (It has now been granted.)
- Jitter Measurements
 - This topic was postponed.
- Future Projects
 - Promotion of the standards. Still very few people in the field know of the standards. How can we fix this? Once 1057 is published a press release will be made, Bill Boyer will produce one. Tom Linnenbrink will find out what we need to do to release it. If anyone has contact information with any trade journals, share it with Tom.
 - Tutorials. We are looking for a volunteer to redo the tutorials from IMTC into a trade journal article.
 - ADDA and ADC Forum. There will be none in 2008 or 2009. Tom Linnenbrink will investigate having an ADC Forum in Houston in 2010. We will not attempt doing anything with ITC or AutoTestCon.
 - Measure Magazine. We can do a news item or a press release. Nick Paulter will produce something related to the revisiting of standard 181.
 - Pasquale and students are preparing a paper for I²MTC08 comparing analysis methods from various standards. They are looking for raw data records at the component level (not waveform recorder) companies supplying the data will be recognized in the paper.
- Next Meetings
 - There will be a May meeting in Beaverton, Oregon. I²MTC is May 12-15; the Oregon meeting will be the following week, May 19-22, 2008
 - There will be a fall meeting in Florence, Italy in conjunction with IMEKO, which is Sept 22-24, 2008.
- New Business
 - None, the meeting was adjourned.

AGENDA
TC-10
February 20, 2008

- 1) Thanks to our gracious host, Hittite, and TI for WebEx
- 2) Introduce attendees
- 3) Approve Minutes of last meeting
- 4) Correspondence and Administration
 - a) Web page (and links from other IEEE site)
 - b) IEEE
 - c) Email system
 - d) General
 - e) Membership forms (via the web!) status
 - f) On fonts used in standards
 - g) Archiving files
- 5) SCOPT (181) Report
- 6) SCOPS (1696) Report
- 7) Waveform Recorder Committee (1057) Report
- 8) ADC Subcommittee (1241) Report
- 9) DAC Subcommittee (1658) Report
- 10) Jitter measurement methods?
- 11) Future Projects
 - a) Promotion of Standards
 - b) ADC Forum at IMtc2009?
 - c) ITC in 2009? AutoTestCon in 2009?
 - d) Measure magazine (per Bob Graham)
 - e) Other ideas?
- 12) Next Meetings
 - a) Spring meeting in May 2008 at Tektronix, Beaverton, OR?
 - b) Fall meeting in September 2008 at IMEKO in Florence, IT
- 13) Other New Business?
- 14) Adjourn