

Annual Report of an ANSI/OEOSC TAG to ISO TC172 Subcommittee Covering the Year 2018

TAG Subcommittee Number and Name: SC1 Fundamental Standards

TAG Subcommittee Leader: Dave Aikens

ISO Meetings Held During 2018

Subcommittee meetings usually include break-out meetings of working groups and project groups. List the top-level meeting; do not list the break-out meetings.

Subcommittee, Working, or Project Group Meeting Name	Date(s)	Location
TC172 SC1	9/24-26	St. Gallen, CH

ISO Meetings Scheduled for 2019

Subcommittee meetings usually include break-out meetings of working groups and project groups. List the top-level meeting; do not list the break-out meetings.

Subcommittee, Working, or Project Group Meeting Name	Date(s)	Location
TC172 SC1	Fall, 2019	Beijing, tentative

Significant Accomplishments in 2018

ISO Subcommittee

Frank Holler has replaced Rainer Schuhmann as chairman of SC1. We continue to retain 11 P-members, of which seven (US, UK France, Germany, Switzerland, Romania, and Japan) are frequent active participants either in person or by correspondence.

This year we published 2 new parts of the ISO 10110 drawing standard (Part 18 for materials and Part 14 for wavefront deformation) and have 8 active work items. We are coming to the close of the latest wave of projects overhauling ISO 10110 for a broader market, and to fix errors and streamline the use of the standard in various applications.

US TAG Subcommittee

The SC1 part of the US TAG is quite healthy with 27 experts on the committee. In addition to active correspondence, we had an excellent showing of five attendees at the annual meeting in St. Gallen, despite no show from either part of NIST at the meeting.

In addition, the US continues to be very active in the work of the subcommittee, with experts participating in all of the projects within WG1 and WG2, and occasional support of projects within WG3. US Experts are currently leading five active projects.

Significant Problems Encountered in 2018

ISO Subcommittee

There have been no significant barriers to our work in the ISO subcommittee beyond the usual differences of opinion of the delegations rising from differing standard practice within countries, and the aggressive scheduling required by ISO for these complicated documents

US TAG Subcommittee

Better participation from NIST would be appropriate. Aside from that, there are no issues for the TAG at this time.

Projections for 2019

ISO Subcommittee

We will publish the revisions to parts of ISO 10110, specifically with changes to surface texture (part 8) and general drawing formats (part 1), and continue to develop the supporting metrology standards such as 14997 parts 1 and 2, TR 14999-2 and other new standards for IR materials and other measurements.

TAG Subcommittee

Continue to maintain consensus for our core objectives of bringing US standard practice into the ISO 10110 family of standards.