

# Annual Report of an ANSI/OEOSC TAG to ISO TC172 Subcommittee Covering the Year 2016

---

**TAG Subcommittee Number and Name:** SC9, Electro-optical Systems

**TAG Subcommittee Leader:** T. Lieb

## **ISO Meetings Held During 2016**

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
SC9	2016 Nov 30	Kurashiki, Japan

## **ISO Meetings Scheduled for 2017**

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
SC9	2017 Sep 20	Boulder, CO, USA

## **Status of Projects**

### **Integrated Optics**

Revisions to 14881 (Parameters relevant to coupling properties) and 11807 (Vocabulary) will proceed during 2017.

### **Laser Damage**

Revisions to 21254 started gained momentum in 2016 and will continue through 2017 under American leadership.

### **Laser Processing**

New work item approved for test methods in angle resolved scattering. ISO 11553-1 and 11553-2 (Safety requirements for laser processing machines) are circulating as DIS manuscripts.

### **Lasers and laser related equipment**

Revisions at DIS stage for ISO 11554, 13694, and 11145 all concerning laser beam metrology.

### **MicroLens Arrays**

Revision to ISO 14880-1 (Vocabulary and General properties) approved.

### **Sensing**

Technical Specification TS 1795 (Measurement method of semiconductor lasers for sensing) will be upgraded to a standard.

### **Space and Vacuum**

Technical Report TR 20811 was renamed “Laser Induced Contamination Testing” and made some progress towards publication during 2016.

## **Significant Accomplishments in 2016**

### **ISO Subcommittee**

New Chairman: Dr. Stephen Strohmaier.

### **US TAG Subcommittee**

US will lead the revision of ISO 21254-2. The American delegation has successfully organized interest in updating the way in which laser damage is specified and measured.

## **Significant Problems Encountered in 2016**

### **ISO Subcommittee**

No significant problems in the ISO subcommittee.

### **US TAG Subcommittee**

We continue to prospect for more members, and we are looking for a new leader to replace the retiring Tom Lieb.

## **Projections for 2017**

### **ISO Subcommittee**

Solid progress on a revised laser damage standard.

### **TAG Subcommittee**

New SC9 TAG subcommittee leader. Continued American leadership on the revision to the laser damage standard.