

# IEEE Photonics Standards Committee – Road Mapping Session

4 March 2019

San Diego, CA

## Draft Meeting Notes

Chair: John Kulick

Vice Chair: TBD

Secretary: TBD

1. **Call to Order – John Kulick**
  - a. All attendees introduced themselves and declared their affiliations. A sign in sheet was circulated.
  - b. No Quorum
2. **Opening Presentation – John Kulick**
  - a. Presentation provided, *Unanimous consent to approve agenda for session, however no quorum*
  - b. Meeting Guidelines were reviewed
3. **Open discussion** – how to put together a list of other standards organizations work in this area
  - i. Ken Barat – suggested need a comprehensive list of all Photonics Standards. Ken offered his expertise in the Laser ANSI standards.
  - ii. Mention that overlap/coordination with ComSoc standards is highly likely, also need to look at SAE, IEC, IET and NFPA standards
  - iii. IPSR (Integrated Photonics System Roadmap) should be available summer 2019
  - iv. The need for standards around “data centers” was discussed
    1. Possible area of work for this group
4. **Dr. Lionel Kimerling** – MIT/AIM Photonics Presentation
  - a. AIM Photonics meets 4/year for road mapping sessions
  - b. Standards were broken down into 4 areas: Materials, Design, Packaging, Functionality
    - i. Founding infrastructure is an area identified that needs standards
5. **Open discussion** – how to build a community
  - a. Maybe an IEEE SA IC activity
  - b. Road mapping Goal: to ID new areas that need standards.
6. **Next Steps:** The group discussed putting together a matrix to bucket the areas that may need standardization (ex: safety, test, integrated)
  - a. Help identify where the gaps are
  - b. The group discussed presentations at conferences to start increasing awareness of the “What and why” for standards
7. **Date and place of next WG Meeting.**
  - a. **TBD** – The group did suggest to have more tactical description for meetings prior to increase participation
8. **Meeting Adjourned**