IEEE P802.11  
Wireless LANs

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| Invitation to participate in the Light Communications  Topic Interest Group | | | | |
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* Abstract

This document aims to solicit input and participation from various organisations, groups, companies and educational bodies that may have an interest in wireless light communications that may not be represented in the IEEE 802 community at present. Potential stakeholders include organizations involved in the lighting industry, optical component manufacturers and visionaries in the lighting and optical and wireless ecosystems.

To:

* International Solid State Lighting Alliance
* Lighting Enabled Systems & Applications
* Architectural Lighting Alliance
* The Connected Lighting Alliance
* The Lighting Industry Association
* The Next Generation Lighting Industry Alliance

CC: xxxxx

Subject: Invitation to participate in the IEEE 802.11 Light Communications Topic Interest Group

**Discussion:**

The commercial explosion of light emitting diodes (LED) for general purpose lighting has inspired a growing interest in the use of the visible light spectrum for communications.

In response to the growing interest and subsequent opportunities, the IEEE 802.11 Working Group (WG) has started a new activity to consider light communications (LC) in the form of a topic interest group (TIG). The aim of the TIG is to deliver a report summarizing the technical and market feasibility of LC in the context of the IEEE 802.11framework. This would act as a basis for the WG to determine the interest to create an IEEE 802.11 standard for light communications. The light medium presents novel opportunities in converging multiple industries (lighting and communications) and challenges for adoption, therefore, there is a corresponding need to involve a wider diversity of expertise.

The IEEE 802.11 would like to invite all the interested stakeholders from relevant sectors to participate in this new activity through:

* Submitting contributions that can address various aspects of the Light Communications TIG report. The structure is presented here:
  + <https://mentor.ieee.org/802.11/dcn/17/11-17-0023-02-00lc-lc-tig-draft-report-outline.docx>
* Attend the IEEE 802.11 meetings or conference calls. The meeting schedule can be found here:
  + <http://www.ieee802.org/11/Meetings/Meeting_Plan.html>

The goal is to ensure the successful design and commercial deployment of the technology by ensuring that all of the relevant stakeholders are part of the standard development process.