**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | **Call for Proposals for OWC Channel Models** | |
| Date Submitted | May, 2015 | |
| Source | Richard Roberts (Intel) and  Nikola Serafimovski (pureLiFi) |  |
| Re: |  | |
| Abstract | The document is a call for proposals to provide a channel model that can be used to evaluate OWC technical contributions. | |
| Purpose | The document is a call for proposals to provide a channel model that can be used to evaluate OWC technical contributions. | |
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**IEEE802.15.7r1 is soliciting channel models for Optical Wireless Communications.** In particular, we are interested in hearing contributions for LiFi and/or Optical Camera Communications (OCC) channel models (LED-ID is not specifying a specific channel model).  The definition of LiFi and OCC, along with task group’s PAR and CSD, can be found at the IEEE802.15.7r1 home web page <http://www.ieee802.org/15/pub/IEEE%20802_15%20WPAN%2015_7%20Revision1%20Task%20Group.htm> .

The channel model document should be submitted for presentation at the **July 2015** IEEE802.15.7r1 meeting in anticipation of selection of one or more channel models during the July 2015 meeting.

RELEASE DATE: May 2015

PRESENTATION DATE: July 2015

Information in regards to the July2015 meeting can be found at: <http://grouper.ieee.org/groups/802/15/pub/Meeting_Plan.html>

PRESENTATIONS:

All submissions should be provided in softcopy, written in MS Word and/or MS PowerPoint, following the IEEE802.15 approved templates available at <http://grouper.ieee.org/groups/802/15/pub/Download.html> . The authors must present their contributions in person to allow committee members an opportunity to cross examine the proposals.

Please obtain a valid task group document number and upload your contribution to the document server at <https://mentor.ieee.org/802.15/documents>  .

Please contact Yeong Min Jang ([yjang@kookmin.ac.kr](mailto:yjang@kookmin.ac.kr) ), the task group chairman, and Rick Roberts (richard.d.roberts@intel.com ), task group vice chairman, with all questions and needs for clarifications.

Please respond to this channel model call by the beginning of the **July 2015** meeting.  The presentation agenda will be set at the opening session of the July 2015 optical wireless communications task group meeting.