**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | IG THz March 2016 Meeting Minutes | |
| Date Submitted | 16 March 2016 | |
| Source | Ken Hiraga NTT Network Innovation Laboratories  Hikarinooka 1-1, Yokosuka 239-0847 Japan | Voice: +81 46 859 3474 Fax: +81 46 855 1497 E-mail: hiraga.ken@lab.ntt.co.jp |
| Re: |  | |
| Abstract | Meeting notes on the 802.15 IG THz March 2016 Meetings | |
| Purpose | Meeting Minutes | |
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**Minutes of the March 2016 IG THz Meeting**

The IG THz meeting was held on 16 March 2016 at Venetian Macau.

**<<Meeting #1, Wed AM1, Joint Meeting with TG3d 100G>>**

* Meeting was called to order at 8:05.
* The patent policy was mentioned and no patent contributions were discussed.
* Approval of the IG THz Agenda (15-16-0158r02)
  + Approved with no objection.
* Approval of Minutes from IG THz meetings in Atlanta, Jan 2016 (15-16-0098r00)
  + Approved with no objection.
* Motion for the TG approval of the call for proposals (15-16-0936r03)
  + TG motion (see closing plenary slides, 15-16-0225)
  + Moved by Kürner
  + Seconded by Hosako
  + Motion carried y/a/n = 7/0/0
* Motion for the TG approval of ITU-R liaison statement (15-15-0699r07)
  + TG motion (see closing plenary slides, 15-16-0225)
  + Moved by Kürner
  + Seconded by Hosako
  + Motion carried with y/a/n = 7/0/0.
* Motion for the TG approval of ETSI Liaison statement (15-15-0722r05)
  + TG motion (see closing plenary slides, 15-16-0225)
  + Moved by Kürner
  + Seconded by Hosako
  + Motion carried with = y/s/n =7/0/0.
* Listening contributions:
  + **Contribution #1**Bile Peng, Sebastian Rey, Thomas Kürner (TU Braunschweig), “Channel Characteristics Study for Future Indoor Millimeter And Submillimeter Wireless Communications,” (15-16-0208r00)
    - This contribution presented a preliminary study of channel characteristics in the frequency ranges of 75 - 110 GHz and 270 - 320 GHz.
    - Selecting a small office as a typical application scenario, carried out extensive measurements with the Vector Network Analyzer in the room.
    - A ray tracing simulator is applied for reproduction of the measurement results and a good match in spatial distribution of propagation paths between measurement and simulation is achieved.
* Discussion on the technical expectation document
  + Reconstruction of the technical expectation document is proposed by Kürner.
  + Kürner would present the design of the new technical expectation document.
  + Support the idea? Straw poll: y/a/n = 8/2/0.
* Adjourned at 9:00.

**Tasks completed during the meetings:**

* Technical contribution
  + By TU-Braunschweig
* Discussion on the technical expectation document
* Liaison Statements to ITU-R W1A and ESTSI ISG mWT have been finalized.

**Next steps:**

* July San Diego session
  + Discussions and work on the technical expectation document
  + Listening technical contributions

**List of Participants:**

* Thomas Kürner TU Braunschweig
* Andrew Estrada Sony
* Iwao Hoskao NICT
* Jinyong Choi LGE
* Jay Kim LGE
* Kazu Takahashi Panasonic
* Rick Roberts Intel
* Danping He Beijing Jiaotong University
* Jörg Robert University Erlangen-Nürnberg
* Hiroyuki Matsumura Sony Corporation
* Hiroyo Ogawa NICT
* Fumihide Kojima NICT
* Jun-Hyeong Kim ETRI
* André Bourdoux IMEC
* Keitarou Kondou Sony Corporation
* Ken Hiraga NTT