**IEEE 802.15**

**Wireless Specialty Networks**

|  |  |
| --- | --- |
| Project | IEEE P802.15 Working Group for Wireless Specialty Networks (WSNs) |
| Title | SC-THz July 2023 Meeting Minutes |
| Date Submitted | 10th July 2023 |
| Source | Iwao HosakoNational Institute of Information and Communications Technology4-2-1 Nukuikita, Koganei 184-8795 Japan | Voice: +81 42 327 6508Fax: +81 42 327 6961E-mail: hosako@nict.go.jp |
| Re: |  |
| Abstract | Meeting notes on the 802.15 SC THz July 2023 Meeting |
| Purpose | Meeting Minutes |
| Notice | This document has been prepared to assist the IEEE P802.15. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein. |
| Release | The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by P802.15. |

**SC-THz July 2023 Meeting Minutes**

The 1st SC-THz meeting was held on 10th July 2023 (PM2), as an in-person/online meeting.

Participants: 16

Tero Kivinen (xxx), Radhakrishna Canchi (Kyocera International), Robert Moeller (DENSO), Seung-Hyun Cho (ETRI), Han Hyub Lee (ETRI), Hiromichi Tomeba(Sharp), Clint Powell, Ryuji Kono (YNU), Shigenobu Sasaki (Niigata Univ.), Shoichi Kitazawa (Muroran IT), Thomas Kürner (TUB), Norihiko Sekine (NICT), Hiroshi Harada (Kyoto Univ.), Akifumi Kasamatsu (NICT), Hiroyo Ogawa (NICT) and Iwao Hosako (NICT)
 <Underlined persons are online>

1.1 MEETING CALLED TO ORDER by the chair (Thomas Kürner)

The meeting was called to order at 16:08 CEST (PM2) on 10th July 2023.

1.2 Welcome / patent policy by the chair (Thomas Kürner)

The patent policy was mentioned, and no patent contributions were discussed.

1.3 Meeting Objectives, Call for Contributions and Agenda Approval for SC THz (23/0341r3) explained by the chair (Thomas Kürner)

Mover: Iwao Hosako, Seconder: Ryuji Kono. Approved by anonymous consent.

1.4 Minutes Approval for SC THz (23/0149) explained by the chair (Thomas Kürner)

Mover: Iwao Hosako, Seconder: S. Sasaki. Approved by anonymous consent.

1.5 Presentation of ETSI ISG THz (23/0354) by Thomas Kürner

- Motivation, Target, Schedules, Organization, Leaderships, and Interaction between the IEEE802.15 & ETSI are presented.

1.6 Draft Response on the Liaison Statement from ETSI ISG THz (23/0343, 23/0344) explained by Thomas Kürner

 - Text will be sent to the 802.18WG Meeting on AM2 11th July.

1.7 Proposal to send information to APG23-6 meeting by Hiroyo Ogawa

 - Discussion on upper limit of the frequency range. (325GHz or 450 GHz)

1.8 Draft Liaison Statement to APG (23/0345) by Thomas Kürner

 - Text will be sent to the 802.18WG Meeting on AM2 11th July.

1.9 Simulation Scenarios for the Assessment of Reflective Intelligent Surfaces in THz Backhaul Applications (23/0342) presented by Thomas Kürner

- RIS use case, Backhaul, Simulation Tools, etc. are presented.

1.10 Recess by the chair (Thomas Kürner)

Recess on 10th July 2023 at 17:42 (CEST)

The 2nd SC-THz meeting was held on 10th July 2023 (PM2), as an in-person/online meeting.

Participants: 20

Radhakrishna Canchi (Kyocera International), Seung-Hyun Cho, Christoph Herold (TUB), Michael Schreibman (TUB), Phil Keiser (TUB), Leonard Moschcau (TUB), Zigi Zhou (Fraunhofer HHI /TUB), Tano Bischell (Fraunhofer HHI /TUB), Asare Simon (TU Chemnitz), Isabella Siau (Orange), Shigenobu Sasaki, Daisuke Anzai (Nagoya IT), Sreelal M.M. (Fraunhofer HHI), 　Volker Jungnickel （Fraunhofer HHI）, Thomas Küner (TUB), Shoichi Kitazawa (Muroran IT), Hiroshi Harada (Kyoto Univ.), Norihiko Sekine, Akifumi Kasamatsu, and Iwao Hosako (NICT)

 <Underlined persons are online>

2.1 MEETING CALLED TO ORDER by the chair (Thomas Kürner)

The meeting was called to order at 13:45 CEST (PM1) on 11th July 2023.

2.2 Welcome / patent policy by the chair (Thomas Kürner)

The patent policy was mentioned, and no patent contributions were discussed.

2.3 Draft Response on the Liaison Statement form ETSI ISG THz (23/0344r2)　 explained and up-loaded to mentor by Thomas Kürner

2.4 SC Motion on Response on the Liaison Statement from ETSI ISG THz

 [SC Motion]

- Move that SC THz formally request that the 802.15 WG reviews and approve the response to the liaison from ETSI ISG THz in doc. IEEE 802.15-23-0344-02 and forward it to 802.18 TAG for submission to 802 EC.

Moved by Iwao　Hosako

Seconded by　Shigenobu sasaki

Motion carries 4/0/0

2.5 Draft Liaison Statement to APG (23/0345r2) explained and up-loaded to mentor by Thomas Kürner

2.6 SC Motion on Liaison Statement to APG

[SC Motion]

- Move that SC THz formally request that the 802.15 WG reviews and approve the response to the liaison to APG in doc. IEEE 802.15-23-0345-02 and forward it to 802.18 TAG for submission to 802 EC.

Moved by Iwao　Hosako

Seconded by　Shigenobu sasaki

Motion carries 5/0/0

2.7 Measurement and Characterization of 300 GHz Channel in a Corridor Environment (23/0328r0) presented by Shigenobu Sasaki

2.8 THz-band indoor network based on photonics technology (23/0346r1) presented by S.-H. Cho

2.9 Other Business: Future Sessions and How to increase a number of participants.

2.10 Adjourn by the chair (Thomas Kürner)

Moved by Iwao　Hosako

Seconded by　Shigenobu sasaki

Adjourned on 11th July 2023 at 15:17 (CEST)