**IEEE P802.15**

**Wireless Speciality Networks**

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| Project | IEEE P802.15 Working Group for Wireless Speciality Networks (WSNs) | |
| Title | IG THz May 2018 Meeting Minutes | |
| Date Submitted | 8 May 2018 | |
| Source | Iwao Hosako National Institute of Information and Communications Technology  4-2-1 Nukuikita, Koganei 184-8795 Japan | Voice: +81 42 327 6508 Fax: +81 42 327 6961 E-mail: hosako@nict.go.jp |
| Re: |  | |
| Abstract | Meeting notes on the 802.15 IG THz May 2018 Meetings | |
| Purpose | Meeting Minutes | |
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**IG THz May 2018 Meeting Minutes**

The IG THz meetings were held on May 7-8, 2018 at the Marriot Hotel, Warsaw (Poland).

The meeting was called to order at 4pm on May 7, 2018.

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

Approval of meeting minutes of the last IG THz meeting (15-17-0589)

Approved with unanimous consent.

Approval of the IG THz agenda (15-18-0174r3)

Approved with unanimous consent.

Listening nine contributions and discussions:

**Contribution # 1**

Thomas Kürner, “Interference Study for THz Intra-Device Communication Systems ” (15-18 -0175)

**Contribution # 2**

Iwao Hosako, “Penetration Loss Measurement at 300 GHz for Building Entry Loss Estimation” (15-18-0230)

**Contribution # 3**

Andre Bourdoux, “Semiconductor Technologies for THz Communications” (15-18-0191)

**Contribution # 4**

Thomas Kürner, “Two-Step Angle-of-Arrival Estimation for Terahertz Communications,” (15-18-0176r1)

**Contribution # 5**

Thomas Kürner, “Introduction to the H2020 ICT-09-2017 Cluster,” (15-18-0177)

**Contribution # 6**

Onur Sahin, “EPIC Project: Next Generation FEC for Tb/s and THz Systems,” (15-18-0206)

**Contribution # 7**

Onur Sahin, “A Preliminary 7nm implementation and communication performance study of SoA FEC classes for Tbps throughputs,” (15-18-0207)

**Contribution # 8**

Colja Schubert, “TERRANOVA: Terahertz Wireless Access Technologies – System and Hardware Architecture Options,” (15-18-0192)

**Contribution # 9**

Thomas Kürner, “Information on Regulatory Activities for THz Communications,” (15-18-0178)

**Discussions:**

(Short discussion on future activities of the IG THz)

-The outcome of WRC 2019 on the spectrum availability may trigger an amendment of Std. IEEE 802.15.3-2017, where other add-ons may be considered as well

-Application for a Tutorial at the Bangkok Plenary

-Next Meetings of the IG THz

November 2018 @ IEEE 802 Plenary, Bangkok, Thailand

March 2019 @ IEEE 802 Plenary, Vancouver, Canada

July 2019 @ IEEE 802 Plenary, Vienna, Austria

AoB – None.

Adjourn on May 8, 2018 at 8:55am

List of Participants:

Thomas Kürner (TU Brausnchweig)

Iwao Hosako (NICT)

Tushar Shah (Apple)

Johannes Wechsler (Fraunhofer ISS)

Bernd Bär (Marquardt GmbH)

Matt Chang (Apple)

Jochen Hammerschmidt (Apple)

Alejandro Marquez (Apple)

Andre Bourdoux (IMEC)

David Barras (3db Access)

Onur Sahin (InterDigital Europe)

Brima Ibrahim (NXP)

Frank Leong (NXP)

Ayman Naguib (Apple)

Colja Schubert (Fraunhofer HHI)

Masood Maqbool (Apple)

Jonathan Goldberg (IEEE)

Pat Kinney (Kinney Consulting)

Jay　Holcomb (Itron Inc.)

Demir Rakanovic (u-Bcox)

Wim Van Thillo (IMEC)

Volker Jungnickel (Fraunhofer HHI)

Kai Lennert Bober (Fraunhofer HHI)

Tuncer Bayuas (MEDIPOL)

Jaroslaw Niewczas (DECAWAVE)

Fumihide Kojima (NICT)

Kunal Shan (Itron)