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Project: IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)

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Re: n/a

Abstract: These slides are presented during the inauguration of the SG 100G.

Purpose: Information of SG 100G and elections of a vice-chair, secretary and technical editor

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Inauguration of IEEE 802.15 SG 100G

Thomas Kürner

TU Braunschweig

Chair IEEE 802.15 SG 100G

Outline

- Tasks of the SG 100G
- Status
- Goals for the Nanjing Meeting
- Straw Polls

Tasks of the SG 100G

- At the July 2013 Plenary *The Terahertz Interest Group (IG THz) wished to start a study group with the scope of determining the validity of a standard on “100GbW (100 Gbit/s over beam switchable wireless point-to-point links)”*. *Potential applications of interest include wireless data centers, wireless intra-device communication, and wireless backhauling. The wave length of interest for the PHY will be millimeter-wave or shorter. The recommendation of the study group will be to amend the standard 802.15.3.*
- The SG has been approved by the EC
- The **only goals** of the SG are to prepare a **PAR** and a **5C** document following the above mentioned scope.

Status (1/2)

- At the July closing WG 802.15 plenary Thomas Kürner has been appointed as chair of the new study group
- The original abbreviation „100GbW“ has been shortened to „100G“ after the plenary
- A press release on the creation of the SG is currently under preparation
- IEEE 802.1 has expressed interest in this work and in future cooperation
- For communication the IG-THz reflector will be used
- A new web page has been created including all documents from the IG THz

Status (2/2)

- Screenshot of the web page

UPDATE: Thursday, August 22, 2013

IEEE 802.15 WPAN™

Study Group 100 Gbit/s Wireless (SGthz)

TOP Overview Status Participation Agenda Minutes Presentations IGthz

Current Status

The task of IEEE 802.15 SG 100G is write a PAR and 5C document with the scope of determining the validity of a standard on "100G (100 Gbit/s over Beam switchable wireless point-to-point 40/100 Gbps links)". The SG is currently working on these two documents.

Apart from this presentations related to all potential applications of THz communications are welcome.

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WPAN Home Page

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Goals for the Nanjing Meeting

- There are four goals for the meeting:
 - Getting the complete SG Leadership installed
 - Approve current draft of the press release
 - Listening to technical contributions
 - Finishing a first complete draft of the PAR and the 5C documents