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

Submission Title: Inuaguration of IEEE 802.15 SG 100G

Date Submitted: 16. September 2013

Source: Thomas Kürner Company TU Braunschweig

Address Schleinitzstr. 22, D-38092 Braunschweig, Germany

Voice:+495313912416, FAX: +495313915192, E-Mail: t.kuerner@tu-bs.de

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

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.

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

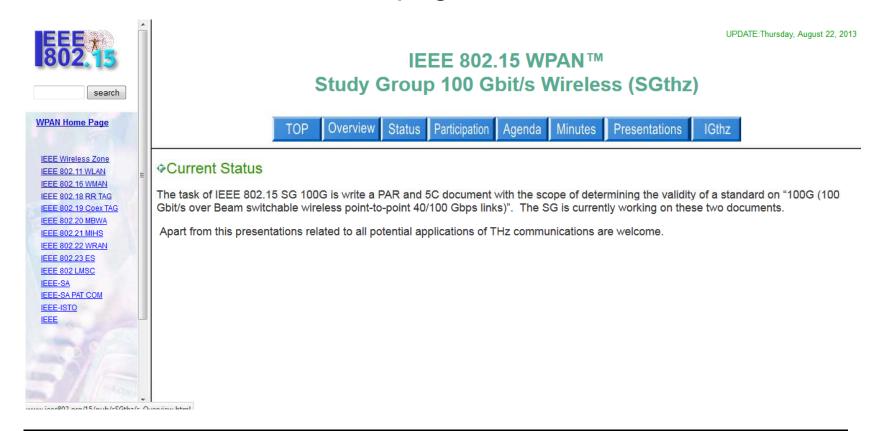
- At the July 2013 Plenary The Terahertz Interest Group (IG THz) wished to start a study group with the scope of determining the validity of a standard on "100GbW (100 Gbit/s over beam switchable wireless point-to-point links)". Potential applications of interest include wireless data centers, wireless intra-device communication, and wireless backhauling. The wave length of interest for the PHY will be millimeterwave or shorter. The recommendation of the study group will be to amend the standard802.15.3.
- 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



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

- Suggestion: Apart from the Chair the Study Group should have a Vice-Chair a Secretary and a Technical Editor
- Result of the Straw Poll: 10 Yes / 0 No / 0 abstain

- Suggestion for the Vice-Chair: Iwao Hosako
- Result of the Straw Poll: 9 Yes / 0 No / 1 abstain

- Suggestion for the Secretary: Cai Yunlong
- Result of the Straw Poll: 10 Yes / 0 No / 0 abstain

- Suggestion for the Technical Editor: Rick Roberts
- Result of the Straw Poll: 10 Yes / 0 No / 0 abstain