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

Submission Title: Inuaguration of IEEE 802.15 SG 100G

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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

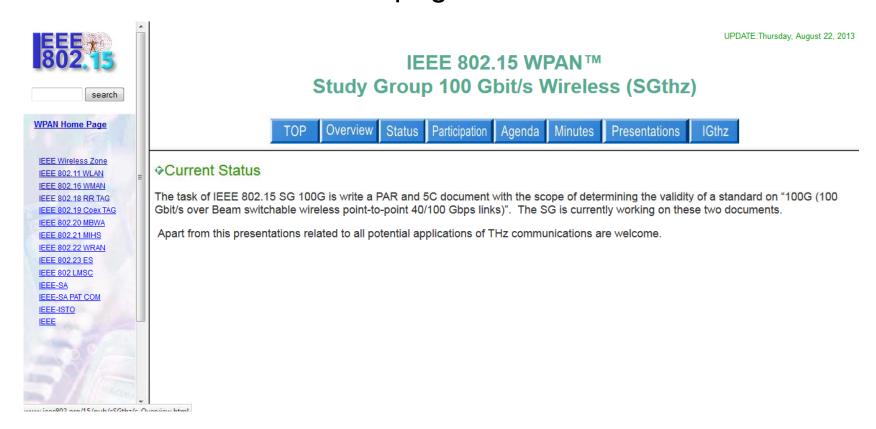
- At the July 2013 Plenary The Terahertz Interest Group (IG THz) wished to start a study group with the scope of determining the validity of a standard on "100GbW (100 Gbit/s over beam switchable wireless point-to-point links)". Potential applications of interest include wireless data centers, wireless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