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| **Document Title:** | GSC-20 Meeting Agenda |
| **Source:** | GSC-20 Chairs: Prof. Abhay Karandikar(TSDSI), Dr Kumar Sivarajan (TSDSI) |
| **Vice-chairs:** | Dr Konstantinos Karachalios (IEEE), Dr Bilel Jamoussi (ITU) |
| **Version** | GSC-20\_001 (Rev. 15)  Submission/Revision date: 26 April 2016 |

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| **Tuesday, 26 April 2016 (Willow Hall, India Habitat Centre)** | | | | | |
| **Time** | **Agenda Item** | **Subject** | **Official / Speaker** | **Organization** | **Document** |
| 08:00 -0930 |  | GSC 20 HoD meeting |  | GSC Delegation HoDs |  |

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| **Tuesday, 26 April 2016 (Gulmohar Hall, India Habitat Centre)** | | | | | | | | | | | | |
| **Time** | | **Agenda Item** | | **Subject** | **Official / Speaker** | | | **Organization** | | | **Document** | |
| 09:30-10:00 | |  | | **Registration** | | | | | | | | |
| 10:00 -  10:40 | | 1 | | **Session #1: Welcome and Opening Remarks** | | | | | | | | |
| 1.1 | | Welcome (5 minutes) | Dr Kumar Sivarajan,  Chairman | | | TSDSI | | GSC20\_Session#1\_Welcome | | |
| 1.2 | | Opening remarks (5 minutes) | Prof. Abhay Karandikar, Vice Chairman and Director General | | | TSDSI | | GSC20\_Session#1\_OpeningRemarks | | |
| 1.3 | | Special Address (10 minutes) | Dr Aruna Sharma,  Secretary, Electronics & IT | | | Department of Electronics and IT (DeitY) | | GSC20\_Session#1\_SpecialAddress | | |
| 1.4 | | Keynote Address (10 minutes) | Mr J S Deepak, Secretary (T), DoT | | | Department of Telecom (DoT) | | GSC20\_Session#1\_Keynote | | |
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| 10:40 - 11:10 | | | **Coffee Break (Gulmohar Bridge)** | | | | | | | | | |
| 11:10 -13:15 | | 1 | | **Session #1 (cont’d): Opening Session (cont’d)** | | | | | | | | |
| 1.6 | | Approval of Agenda (4 minutes) | Prof. Abhay Karandikar, Vice Chairman and Director General | | | TSDSI | GSC-20\_001 (Rev 13)-Agenda | | | |
| 1.7 | | Summary of GSC-19 (10 minutes) | Dr Bilel Jamoussi, ITU/TSB Chief of SGD | | | ITU | GSC20\_Session#1\_GSC19\_summary | | | |
| (for info) | | List of participants (4 minutes) | Prof. Abhay Karandikar, Vice Chairman and Director General | | | TSDSI | GSC20\_002\_participants | | | |
| 2 | | **Session #2: Guest Member presentations** | | | | | | | | |
|  | | Guest member presentations (8 minutes each) | Dr. Klaus Pendl, Counselor (ICT), EU Delegation to India | | | EC | GSC20\_Session#2\_Guest\_EC | | | |
| Mr. Lars Nielson, General Manager | | | GCF | GSC20\_Session#2\_Guest\_GCF | | | |
| Mr Philip Kidner, CEO | | | TCCA | GSC20\_Session#2\_Guest\_TCCA | | | |
| 3 | | **Session #3: GSC Task Force Presentation** | | | | | | | | |
|  | | Presentation from Emergency Communications Task Force Group (10 minutes) | Dr. Kohei Satoh,  Executive Manager on Standardization | | | GSC EM | GSC20\_Session#3\_EM\_TF | | | |
| 4 | | **Session #4: GSC Member Presentations (6 minutes each)** | | | | | | | | |
| 4.1.1 | | Priorities of ARIB | Dr. Kohei Satoh, Executive Manager on Standardization | | | ARIB | GSC20\_Session#4\_Priorities\_ARIB | | | |
| 4.1.2 | | Priorities of ATIS | Ms. Susan Miller, President & CEO | | | ATIS | GSC20\_Session#4\_Priorities\_ATIS | | | |
| 4.1.3 | | Priorities of CCSA | Ms. Zhiqin Wang, Chairperson of TC5 | | | CCSA | GSC20\_Session#4\_Priorities\_CCSA | | | |
| 4.1.4 | | Priorities of ETSI | Mr. Luis Romero, Director General | | | ETSI | GSC20\_Session#4\_Priorities\_ETSI | | | |
| 4.1.5 | | Priorities of IEC | Mr. Frans Vreeswijk,  IEC General Secretary & CEO | | | IEC | GSC20\_Session#4\_Priorities\_IEC | | | |
| 4.1.6 | | Priorities of IEEE | Dr. Konstantinos Karachalios, Managing Director | | | IEEE | GSC20\_Session#4\_Priorities\_IEEE | | | |
| 4.1.7 | | Priorities of ISO | Mr. Kevin McKinley, Acting Secretary General | | | ISO | GSC20\_Session#4\_Priorities\_ISO | | | |
| 4.1.8 | | Priorities of ITU | Dr. Bilel Jamoussi, ITU/TSB Chief of SGD | | | ITU | GSC20\_Session#4\_Priorities\_ITU | | | |
| 4.1.9 | | Priorities of TIA | Mr. Scott Belcher, CEO | | | TIA | GSC20\_Session#4\_Priorities\_TIA | | | |
| 4.1.10 | | Priorities of TTA | Dr. KyuJin WEE, Vice President | | | TTA | GSC20\_Session#4\_Priorities\_TTA | | | |
| 4.1.11 | | Priorities of TTC | Mr. Yoichi MAEDA, CEO & SVP | | | TTC | GSC20\_Session#4\_Priorities\_TTC | | | |
| 4.1.12 | | Priorities of TSDSI | Prof. Abhay Karandikar, Vice Chairman and Director General | | | TSDSI | GSC20\_Session#4\_Priorities\_TSDSI | | | |
| 4.2 | | **Discussions & Session Summary** | | | | | | | | |
| 13:15 - 14:15 | | | | **Lunch Break (Willow Foyer for HoDs and Gulmohar Bridge for Participants)** | | | | | | | | |
| 14:15 - 15:20 | | 5 | | **Session #5: Strategic Topic #1: IoT**  Facilitated by IEC/ISO (Mr Gilles Thonet, IEC Head of ICT Standards Coordination) | | | | | | | | |
| 5.1 | | Agenda and Overview (10 minutes) | Mr Gilles Thonet, IEC Head of ICT Standards Coordination | IEC | | | | | |  |
| 5.2 | | Invited Guest Presentations (10 minutes each) | Mr. Francisco Da Silva, Board Member (Smart Appliances) | | ETSI | | | | | GSC20\_Session#5\_IoT\_Francisco\_ETSI |
| Mr Srikanth Chandrasekaran, Director Standards and Technology, India Office (Overview of P2413) | | IEEE | | | | | GSC20\_Session#5\_IoT\_Srikanth\_IEEE |
| Mr. Vimal Mahendru, IEC SMB Member & Legrand India President, (Smart Energy & IoT) | | IEC | | | | | GSC20\_Session#5\_IoT\_Vimal\_IEC |
| Dr. Russell Shields, Ygomi (Connected Vehicles) | | TIA | | | | | GSC20\_Session#5\_IoT\_Russell\_TIA |
| Mr Mitesh Patel, TCS (Smart Manufacturing) | | TSDSI | | | | | GSC20\_Session#5\_IoT\_Mitesh\_TSDSI |
| Dr Bilel Jamoussi, ITU/TSB Chief of SGD (IoT and Smart Cities) | | ITU | | | | | GSC20\_Session#5\_IoT\_Bilel\_ITU |
| 15:20 - 15:50 | | | | **Coffee Break (Gulmohar Bridge)** | | | | | | | | |
| 15:50 -  17:00 | 5 | | | **Session #5 (cont’d): Strategic Topic #1 (cont’d): IoT**  Facilitated by IEC/ISO (Mr Gilles Thonet, IEC Head of ICT Standards Coordination) | | | | | | | | |
| 5.3 | | | Panel Discussion of GSC members (55 minutes):  Panelist#1: Mr. KiYoung, Research Fellow, LG Electronics (TTA)  Panelist#2: Mr. Francisco Da Silva, Board Member (ETSI)  Panelist#3: Mr. Hiroshi HAMANO, Director General I3C (TTC)  Panelist#4: Mr Srikanth Chandrasekaran, Director Standards and Technology, India Office (IEEE)  Panelist #5: Mr Norbert Bensalem, IBM (ISO/IEC)  Panelist #6: Mr Scott Belcher CEO (TIA)  Panelist#7: Dr. Farrokh Khatibi, Qualcomm (ATIS)  Panelist#8: Mr. Sunil Tandon, Head, OTT Business -Tata Teleservices (TSDSI)  Panelist #9: Mr Vimal Mahendru, SMB Member (IEC) | | | | | | | | |
| 5.4 | | | Conclusions (15 minutes) |  | | | IEC/ISO | | | |  |

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| 19:00 - 22:00 | **Tuesday, April 26, 2016, Dinner Reception (Jacaranda Hall , IHC )** |

| **Wednesday, 27 April 2016 (Gulmohar Hall, India Habitat Centre)** | | | | | | | |
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| 09:00 -  10:25 | 6 | | **Session #6: Strategic Topic #2: 5G**  Facilitated by IEEE/TSDSI (Mr Bruce Kraemer, IEEE-SA President & Dr Kumar Sivarajan, Chairman,TSDSI) | | | | |
|  | 6.1 | | Agenda and Overview (10 minutes) | | Mr Bruce Kraemer, IEEE–SA President | IEEE/TSDSI |  |
|  | 6.2 | | Invited Guest Presentations (10 minutes each) | | Mr Erik Guttman 3GPP SA Chairman (3GPP work on 5G) | ETSI | GSC20\_Session#6\_5G\_Erik\_ETSI |
| Dr. Chih-Lin I, Special Advisor (Rethink Front-haul for UCN) | IEEE | GSC20\_Session#6\_5G\_Chih\_IEEE |
| Mr Sandeep Gupta, Sr. VP (SAE), Bharti Airtel (Spectrum Issues) | TSDSI | GSC20\_Session#6\_5G\_Sandeep\_TSDSI |
| Dr. Fran O’Brien, Cisco (ATIS 5G Initiative) | ATIS | GSC20\_Session#6\_5G\_Fran\_ATIS |
| Mr. Takaharu Nakamura, Acting Chair, Technical Committee of 5GMF (5G - Applications & Systems Perspective), | ARIB | GSC20\_Session#6\_5G\_Takaharu\_ARIB |
| Mr Colin Langtry, ITU/BR Chief of SGD (Roadmap to IMT-2020 and WRC-19) | ITU | GSC20\_Session#6\_5G\_Colin\_ITU |
| Mr. Klaus Moschner, Senior Programme Manager | NGMN | GSC20\_Session#6\_5G\_Klaus\_NGMN |
| 10:25 - 10:55 | | **Coffee Break (Gulmohar Bridge, IHC)** | | | | | |
| 10:55 - 12:00 | 6 | | **Session #6(cont’d) : Strategic Topic #2 (cont’d): 5G**  Facilitated by IEEE/TSDSI (Dr Kumar Sivarajan) | | | | |
| 6.3 | | Panel Discussion of GSC members (55 minutes)  Panelist#1: Dr. Kyujin WEE, Vice President, TTA  Panelist#2: Dr. Jamshid Khun-Jush, Board Member (ETSI)  Panelist#3: Mr. Masaomi SUMITA, Director Standardization, TTC  Panelist#4: .Dr. Chih-Lin I, Special Advisor (IEEE)  Panelist#5: Prof. Bhaskar Ramamurthy, Honorary Director, CEWiT (TSDSI)  Panelist#6: Mr. Takaharu Nakamura, Acting Chair, Technical Committee of 5GMF (ARIB)  Panelist#7: Dr. Fran O’Brien, Cisco (ATIS)  Panelist#8: Mr Ed Tiedemann, VP, Qualcomm (TIA)  Panelist #9: Dr Bilel Jamoussi, ITU/TSB Chief of SGD (ITU) | | | | |
| 6.4 | | Conclusions (10 minutes) | | Dr Kumar Sivarajan, Chairman | TSDSI |  |
| 12:00 -  13:00 | 7 | | **Session #7 - Organizational Issues: Role of Small & Medium Business Enterprises (SMBs) in Standardization activities**  Facilitated by TSDSI (Prof. Rekha Jain) | | | | |
| 7.1 | | Agenda and Overview (7 minutes) | | Prof. Rekha Jain, Governing Council Member | TSDSI |  |
| 7.2 | | Invited Guest presentations(7 minutes each) | | Mr. Vishwa Kayargadde, Saankhya Labs | TSDSI | GSC20\_Session#7\_SMB\_Parag\_TSDSI |
| Dr. KyoungCheol KOO Director (Common difficulties of SMEs in Standardization and Case Study in Korea) | TTA | GSC20\_Session#7\_SMB\_KCKoo\_TTA |
| Dr Bruce Gracie, ITU-T TSAG Chairman (SME Focus in ITU) | ITU | GSC20\_Session#7\_SMB\_BruceGracie\_ITU |
| 7.3 | | Panel Discussion of GSC members (30 minutes):  Panelist#1: Dr. KyoungCheol KOO (KC KOO), Director (TTA)  Panelist#2: Mr. Kazunori MATSUO, Director International Affairs (TTC)  Panelist#3: Mr. Dirk Weiler, Board Chairman (ETSI)  Panelist#4: Ms. Stephanie Montgomery, Vice President, Technology & Standards (TIA)  Panelist#5: Mr. Vimal Mahendru, SMB Member (IEC) | | | | |
|  | 7.4 | | Conclusions | Prof. Rekha Jain, Governing Council Member | | TSDSI |  |
| 13:00 -14:15 | | Lunch Break (Willow Foyer for HoDs & Gulmohar Bridge for Delegates) | | | | | |
| 14:15 - 16:15 | 8 | | **Session #8 : Strategic Topic #3: Security & Privacy** Facilitated by ISO/IEC (Mr Henry Cuschieri, ISO Technical Group Manager) | | | | |
| 8.1 | | Agenda and Overview of ISO/IEC JTC1 &SC27 (8 minutes) | | Mr Henry Cuschieri, ISO Technical Group Manager | ISO |  |
| 8.2 | | Invited Guest Presentations (8 minutes each) | | Ms. Laura Lindsay, SC 27 Expert (ISO/IEC JTC 1 security-related activities) | ISO/IEC | GSC20\_Session#8\_Security\_Laura\_ISOIEC |
| Prof. HeungYoul YOUM, Professor, SoonChunHyang University  (Introduction to PIMS certification scheme in Korea) | TTA | GSC20\_Session#8\_Security\_HeungYoul\_TTA |
| Mr. Masashi ETO, TTC Information Security WG member  (Standardization for IoT/ITS security) | TTC | GSC20\_Session#8\_Security\_ Masashi \_TTC |
| Dr. Somitra Sanadhya, Asst Prof., Indraprastha Institute of Information Technology Delhi (IIIT)  (Security and Privacy for cloud computing) | IEEE | GSC20\_Session#8\_Security\_ Somitra \_IEEE |
| Mr. Vikram Tiwathia, DDG, COAI (Security and Privacy requirements in Potential Verticals/Sectors) | TSDSI | GSC20\_Session#8\_Security\_ Vikram \_TSDSI |
| Mr Iain Sharp, ATIS (ATIS Cybersecurity initiative) | ATIS | GSC20\_Session#8\_Security\_ Iain \_ATIS |
| Dr Lara Srivastava, ITU/TSB Counselor  (Trust) | ITU | GSC20\_Session#8\_Security\_ Lara \_ITU |
| 8.3 | | Panel Discussion of GSC members (45 minutes)  Panelist#1: Prof. HeungYoul YOUM, Professor, SoonChunHyang University (TTA)  Panelist #2: Ms. Laura Lindsay, SC 27 Expert (ISO/IEC JTC1)  Panelist #3: Mr. Masashi ETO, Information Security WG member (TTC)  Panelist#4: Mr. Simon Hicks, GA Chairman (ETSI)  Panelist#5: Mr. Iain Sharp (ATIS)  Panelist#6: Mr. Narendra Nath, Dy. DG (Security), DoT (TSDSI)  Panelist#7: Mr.Deepak Maheshwari, Director, Government Affairs, India & ASEAN for Symantec (IEEE-SA) | | | | |
| 8.4 | | Conclusions (10 minutes) | |  | ISO |  |
| 16:15-16:30 | | | **Coffee Break (Gulmohar Bridge, IHC)** | | | | |
| 16:30 -17:30 | 9 | | **Session #9: Closing session** | | | | |
| 9.1 | | Report from HoD meeting | | Prof. Karandikar, HoD | TSDSI | GSC20\_Session#9\_HoD Report\_ Abhay\_TSDSI |
| 9.2 | | Approval of Press Release | |  |  | GSC20\_Session#9\_PressRelease\_Amit\_TSDSI |
| 9.3 | | Next Meeting: GSC-21 | | Dr Konstantinos Karachalios, Managing Director | IEEE |  |
| 9.4 | | Any Other Business | |  | TSDSI |  |
|  | 9.5 | | Concluding remarks | | Dr Kumar Sivarajan, Chairman | TSDSI |  |
|  | 9.6 | | Closing of meeting | | Prof. Abhay Karandikar, Vice Chairman and Director General | TSDSI |  |