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| **Work Shop Programme – Day 1, Monday 21 March 2016** |
| **Time** | **Presentation Title** | **Presenter**  |
| 9.30 | Registration  |  |
| 10.00 | Welcome & Opening of Workshop | **Dr. Rüdiger Hahn**, Bundesnetzagentur (Head of Department for Spectrum Regulation), Germany**Mr. Eric Fournier**, Chairman of the Electronic Communications Committee (ECC), L'Agence Nationale des Fréquences (ANFR), France |
| 10.15 – 11.00 | Keynote 1 – Frequency Management | **Mr. Thomas Weilacher**, Chairman of ECC WG Frequency Management (WG FM), Bundesnetzagentur, Germany |
| Keynote 2 – IMT Matters | **Mr. Didier Chauveau**, Chairman of ECC PT1 (IMT Matters), ANFR, France |
| Keynote 3 – Numbering & Networks | **Mr. Johannes Vallesverd**, Chairman of ECC WG Numbering & Networks, NKOM, Norway |
| ***11.00 – 11.30 Coffee Break*** |
| ***Session A – Requirements of and Developments in Standardisation on M2M******(Session chairman: Mr. Thomas Weilacher, Chairman of ECC WG FM (Working Group Frequency Management)*** |
| 11.30 – 12.45 | An overview of ETSI activities in the field of M2M/IoT and related radio solutions  | **Dr. Michael Sharpe**, European Telecommunications Standards Institute (ETSI) |
| Standardisation of the embedded SIM for M2M/IoT | **Mr. Xavier Piednoir**, ETSI SCP Technical Officer |
| oneM2M partnership project (goals, achievements,…)  | **Mr. Roland Hechwartner**, Vice-Chairman Technical Plenary oneM2M – Partnership Agreement |
| ***12.45 – 13.45 Lunch*** |
| ***Session B – Requirements of and Developments in Regulation on M2M Numbering*** ***(Session chairman: Mr. Johannes Vallesverd, Chairman of ECC WG Numbering and Networks)*** |
| 13.45 – 15.30 | Main M2M-related issues currently under consideration on the work programme of the ECC/WG NaN’S Project Team on Future Numbering Issues | **Mr. Francesco Bernabei**Numbering Expert, AGCOM Italy and Chairman of ECC/WG NaN / Project Team Future Numbering Issues (PT FNI) |
| Presentation of the BEREC Report on "Enabling the Internet of Things" | **Dr. Julia Marquier,**  Member of the BEREC drafting team and Legal Expert/ Numbering, Bundesnetzagentur, Germany |
| Creating a Digital Single Market for M2M and the Internet of Things | **Mr. Robert McDougall**, Head of Enterprise Regulation, Vodafone Group Services Ltd  |
| Use of national numbering resources for global M2M services | **Mr. Mike Corkerry**, Executive Director, EMEA Government Affairs, AT&T |
| eCall – A case study on the numbering requirements | **Mr. Freddie McBride**, Numbering and Networks Expert, European Communications Office (ECO) |
| ***15.30 – 16.00 Coffee Break*** |
| ***Session C: Presentation of Selected Case Studies******(Session chairman: Mr. Didier Chauveau, Chairman of ECC PT1 (IMT Matters), ANFR, France*** |
| 16.00 – 18.00 | Intelligent Energy Networks – Application scenarios, requirements and projects (incl. migration CDMA towards LTE, LTE MTC etc.) | **Dr. Bernd Soerries**, University of Applied Sciences Südwestfalen, Germany |
| Wireless solutions for machine-centric communications for the Internet of Things, connected devices and industrial applications.  | **Mr. Joachim Sachs**, Principal Researcher, Ericsson, Sweden |
| Technology and spectrum for M2M communications | **Dr. Hamid Karimi,** Huawei Technologies, United Kingdom |
| Low power wireless networks connecting objects of the IoT | **Dr. Benoît Ponsard**, Director of Standardisation, SIGFOX, France |
| LTE450 as a solution for M2M/IoT applications | **Mr. Colin Chandler**, 450 MHz Alliance, Chair, Standards and Regulatory Group |
| ***18.00 Workshop Close – Day 1*** |

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| **Work Shop Programme – Day 2, Tuesday 22 March 2016** |
| **Time** | **Presentation Title** | **Presenter**  |
| ***Session D – Smart Cities/ Metropolitan Area Networks******(Session chairman: Mr. Thomas Weber, European Communications Office (ECO), Chairman ECC/WGFM Short Range Devices Maintenance Group (SRD/MG)*** |
| 09.00 – 10.30 | Metropolitan/rural area networks using Wi-SUN | **Dr. Simon Dunkley**, Silverspring Networks, United Kingdom |
| Wideband SRDs with advanced spectrum sharing capability | **Mr. Jamshid Khun-Jush**, Qualcomm |
| Smart Metering and Smart Grid Solutions | **Mr. Kristian Baasch Thomsen**, Kamstrup A/S, Denmark |
| 3GPP - Narrowband IoT Solutions (NB-IoT) | **Mr. Ulrich Rehfuess**, Head of Spectrum Policy, Nokia Networks, Germany |
| ***10.30 – 11.00 Coffee Break*** |
| ***Session E: Future Smart Transportation, Industrial and Utility Applications as pasrt of the Internet of Things******(Session chairman: Ms. Cristina Reis, Vice Chairman of ECC Working Group Frequency Management (WGFM), ANACOM, Portugal)*** |
| 11.00 – 13.00 | Smart Grid Systems and Other Radio Systems suitable for Utility Operations, and their long-term spectrum requirements | **Mr. Adrian Grilli,** Managing Director, European Utilities Telecom Council (EUTC) |
| Home Building Automation integrated with Smart Metering as part of the IoT | **Mr. Enrico Tosato,** ANITEC (Chairman ETSI TC ERM TG28), Italy |
| Future Wireless Industrial Applications as part of the Industry 4.0/Smart Manufacturing and IoT | **Mr. Ludwig Winkel**, ZVEI (German Electrical and Electronic Manufacturers' Association), Germany, Germany |
| Future Intelligent Transportation Solutions as part of the IoT | **Mr. Niels Peter Skov Andersen**, Denmark, Car-2-Car Communication Consortium General Manager |
| ***13.00 – 14.00 Lunch*** |
| ***Session F – Views of CEPT Administrations******(Session chairman: Mr. Eric Fournier, Chairman of the Electronic Communications Committee (ECC), ANFR, France)*** |
| 14.00 – 15.45 | Views of UK Administration  | **Mr. Stephen Talbot**, Office of Communications (OFCOM), United Kingdom |
| Views of Russian Administration  | **Dr. Sergey Pastukh**, Radio Research & Development Institute (NIIR), ECC Vice Chairman, Russian Federation |
| Views of French Administration  | **Mr. Olivier Pellay**, L'Agence Nationale des Fréquences (ANFR), France |
| Views of German Administration  | **Ms. Christiane Seifert**, Bundesnetzagentur, Germany |
| Views of Swedish Administration  | **Mr. Morgan Westring**, Swedish Post and Telecom Authority (PTS), Sweden |
| ***15.45 – 16.15 Coffee Break*** |
| ***Closing Session: Panel Discussion and Guidelines for Further Work******(Session chairman: Mr. Eric Fournier, Chairman of the Electronic Communications Committee (ECC), ANFR, France)*** |
| 16.15 – 17.00 | **Panellists:** **Dr. Michael Sharpe** - ETSI, **Mr. Didier Chauveau** - Chairman of ECC PT1 (IMT matters), **Mr. Johannes Vallesverd** - Chairman of ECC WG Numbering & Networks, **Mr. Roland Hechwartner** – Vice-Chairman Technical Plenary oneM2M – Partnership Agreement, **Mr. Stephen Talbot** - Office of Communications (OFCOM), United Kingdom |
| 17.45 – 18.00 | Summary of the Workshop and closing remarks | **Mr. Thomas Weilacher,** Chairman ECC Working Group Frequency Management (WGFM), Bundesnetzagentur, Germany |
| ***18.00 Workshop Close – Day 2*** |