

DAB+ Digital Radio - Technical Workshop *New developments for DAB+ systems*

08:00 **Introduction**

08:05 **DAB+ network design**

- Coverage requirements and field strength reference levels
- When to use MFN vs SFN

Mr Jerome Hirigoyen, Head of Business Development and International Broadcasting, TDF

08:20 **DAB+ network implementation**

- High power vs low tower implementations

Mr Hanns Wolter, Technical Director, DAB Italia (Chair, WorldDAB Spectrum & Network Implementation Committee)

08:35 **Small-scale DAB**

- What is small-scale DAB?
- How and why, it fits into the DAB+ ecosystem

Dr Lawrie Hallett, Operations Director, Future Digital Norfolk

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New developments for DAB+ systems

- 08:50 DAB+ measurements and monitoring (Panel session)**
- Discussion on the various aspects from implementation to operations
 - Systems performance measurement for system commissioning
 - Field testing for coverage verification including antenna performance
 - On-going network operations
- Mr Hanns Wolter, Technical Director, DAB Italia (Chair, WorldDAB Spectrum & Network Implementation Committee)
- Mr Christian Strøm, Broadcast System Architect, Telenor Norge AS, Norway
- Mr Kenny Skillen, Head of Engineering – Media & Broadcast Platforms, Arqiva, UK
- 9:10 Q&A**
- 9:20 Workshop closing remarks**
- Ms Bernie O'Neill, Project Director, WorldDAB
- Dr Veysel Binbay, Director of ABU Technology & Innovation, Asia-Pacific Broadcasting Union
- Dr Adnan Salhab, Head of the Technical Training Department, Arab States Broadcasting Union (ASBU)
- 9:30 Close**