



Workshop on Radio Channel Models for Higher Frequency Bands

5 May 2015, Valencia (Spain)

Scope:

The global spectrum shortage facing wireless carriers has motivated the exploration of higher frequency bands for future broadband cellular communication networks, including centimetric and millimetric bands. Knowledge about cellular radio propagation at higher frequency bands is however scarce, in particular for densely populated indoor and outdoor environments. Obtaining radio channel models for these new bands is vital for the design and operation of future fifth generation cellular networks.

COST IC1004 organises this Workshop co-located to the Final Management and Technical Committee Meeting, in the beautiful venue of Ciudad de las Artes y las Ciencias, the most visited sight in the modern district of Valencia, Spain.

Submission and Selection of Papers:

- Contributions are expected to be high quality papers focused on Radio Propagation and Channel Modeling above 6GHz, with specific emphasis on its potential application to Future 5G technologies.
- Papers should highlight the actual results obtained within IC1004 or in cooperation to its partners.
- Selected papers will be presented orally in the single technical track of the Workshop.
- Papers not selected for the Workshop may be for presentation in the regular IC1004 meeting sessions, on May, 6, 2015.
- It is planned that papers accepted for oral presentation should be suitable for inclusion in a Special Issue in EURASIP Journal on Wireless Communications and Networking, after peer review process.

Organising Committee: Claude Oestges (UCL), Sana Salous (U.Durham), Narcis Cardona (UPV)

Planned Deadlines:

Submission of Extended Abstract (2 pages): **09 April 2015**

Provisional Acceptance: **14 April 2015**

Submission of Full paper : **24 April 2015**