

## **Short CV**

Wout Joseph was born in Ostend, Belgium on October 21, 1977. He received the M. Sc. degree in electrical engineering from Ghent University (Belgium), in July 2000. His PhD research work dealt with measuring and modelling of electromagnetic fields around base stations related to the health effects of the exposure to electromagnetic radiation. Since October 2009, he is professor in the domain of experimental characterization of wireless communication systems. His professional interests are electromagnetic field exposure assessment, in- and on-body electromagnetic field modelling for medical applications, wireless body area networks, propagation for wireless communication systems, antennas and calibration. He is IMEC PI since 2017.

He is an active member of the BioEM society: he was co-chair of the BioEM2016 and the hybrid BioEM 2021 conference. He was responsible for the student awards in both 2017 and 2018 at the BioEM conference, and organized in BioEM2019 (Montpellier) a plenary session about 5G exposure assessment. He was Technical Program Committee (TPC) chair for the BioEM 2022 conference in Nagoya, Japan. He was elected council board member of EBEA (European Bioelectromagnetics Association) in 2015-2021. Since 2022, he is elected board member of the Bioelectromagnetics society. He will be guest editor of the special issue on “assessment of exposure of humans to 5G and 6G technologies” for the Bioelectromagnetics journal.

He has over 700 publications and has (co-)authored 350 peer-reviewed journal papers published and listed in SCI. He won 17 awards for best presentations and papers in recognized conferences. He has several relevant publications about electromagnetic absorption modelling and measurements.

His current research focus is on exposure dosimetry for 5G and 6G, spatio-temporal exposure monitoring by smart city networks, and personal exposure assessment.

A full list of his publications can be found at <http://www.waves.intec.ugent.be/members/wout-joseph>.

## **Statement of reason to be part of the board**

The new BioEM society has now a single BioEM website and a review platform has been realized. Additional steps are needed to increase our visibility. We need a strong Q1 journal in the bioelectromagnetics domain. Therefore, special issues are important.

Students are very important. For the BioEM conference, even reduced fees and more grants should be provided if possible for all students. Oral presentations for students are a must-have as they present the newest innovative research, and student awards are a plus. Finally, the organisation of workshops and tutorials at BioEM conferences is important, my focus will be about e.g., 5G-6G exposure assessment.