

EDITORIAL

Dear reader,

In the IJBE 2019 edition, we are presenting several papers dealing with the thematic of broadcasting, including its technological innovations in audio signal processing, video, and images, digital television systems.

Communication is fundamental for the development of societies, and perhaps what distinguishes humanity from the other animal species of this planet is indeed its efficiency and plurality. Communication allows man to break down barriers and innovate, since all this human communication potential is amplified by creative activity, and is as much as the technology developed is most incredible, yet it is mankind who invents and creates, in other words, there in lies all the creative potential. And in this way, by communicating we interact primarily in an audiovisual way, even though we have been given five senses, all of them capable of allowing the exchange of information and perceptions of the world.

Math has developed an Information Theory showing the limits of this ability to exchange content and identifying the importance of the message through information. Thus, communication is required, in the sense that it is through it that information, concepts, and representations are conveyed between people, and while the digital channels and systems make the necessary adaptations to convey these messages and there by enabling the media.

Thus, the development of long-range communication involving content production in a format easily understandable format to the human senses, with the greatest possible similarity to local and direct perception, while observing economic issues, challenges, and natural limits.

The pursuit of quality in the development of technologies that make digital communication systems more efficient is the focus of researchers to whom the IJBE provides an opportunity to publish their studies, experiments, and research in the scientific and technological areas of production and distribution of information content.

We hope you enjoy and take advantage of these papers and feel motivated to submit one of your own to us in the future.

Best wishes,
SET IJBE Editors