

Call for PAPERS

The 16th Sound & Music Computing Conference will take place in Malaga, Spain, 28-31 May 2019 and it will be organized by the Application of Information and Communication Technologies Research group (ATIC) of University of Malaga (UMA).

SMC 2019 welcomes contributions for oral and poster/demo presentations examining all the core topics of the Sound and Music Computing field and, in particular, matching this year's featured topic: **Music and Interaction**. These topics include (but are not limited to):

• Acoustics and psychoacoustics	• Ethics of sound and new technologies
• AI and music performance	• Gesture, motion and music
• Analysis/synthesis of the singing voice	• History and aesthetics of electroacoustic music
• Applications in audio and music	• Immersive audio/soundscape environments
• Architectural acoustics modeling and auralization	• Interaction and improvisation
• Assistive technologies	• Interactive environments for voice training
• Audio and music for AR/VR	• Interactive performance systems
• Audio and music for games	• Jazz performance and machine learning
• Audio interactions	• Mathematical music theory
• Audio recognition and birdsinging	• Music and robotics
• Auditory display	• Music games and music for games
• Automatic music generation/accompaniment systems	• Music information retrieval
• Bioacoustic modeling	• Music technology in education
• Biomusic and sound installations	• Music therapy and technology for special needs
• Computational archeomusicology	• New interfaces for musical expression
• Computational musicology	• New musical instruments
• Computational ethnomusicology	• Perception and cognition of sound and music
• Computational ornithomusicology	• Recording and mastering automation techniques
• Computer-aided real time composition	• Sonification
• Computer music software and programming languages	• Sound/music and the neurosciences
• Data sonification	• Spatial sound and spatialisation techniques
• Digital signal processing	• Physical models for sound synthesis
• Digital systems of tuning	• VR applications and technologies for sound and music

Papers should be between 4 and 8 pages, written in English and not previously published. The paper submission must be in PDF and must conform to the conference template available at the SMC 2019 web page (LaTeX and Office).

Full-papers submission deadline: February 7, 2019

Papers can be submitted for oral or poster presentation and the final decision on the category will be made by the Programme Committee. All submissions will be fully peer-reviewed and all accepted papers, independently of the presentation format, will be included in the conference Proceedings. The Proceedings will have an ISBN and its electronic version will be available on the SMC website (<http://smcnetwork.org/>).

Please note that at least one of the paper authors has to register to the SMC 2019 conference for the paper to be presented at the conference and included in the Proceedings.

For further details see <http://smc2019.uma.es/>