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ADVANCING THE EVOLUTION OF AUDIO TECHNOLOGY

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Tune-up Your Listening with audioXpress June 2017

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If you have a passion for high-quality audio experiences you know this is a continuous learning process. In audioXpress June 2017, you will learn more about binaural recording, how you can tune your listening to your own hearing when using earphones and headphones, and we explain how to assess audio quality in any acoustical environment with the MATT Test. That and much more is now available in audioXpress June 2017.

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Featured on the cover of audioXpress June 2017 is a Sound Engineering article by Neville Roberts, following an historical studio session using binaural - or "dummy head" - recording. In "Head Space," Roberts describes how UK-based record label Chasing The Dragon decided to produce binaural recordings to investigate this format and compare it against more conventional recording techniques. The company is using a Neumann KU-100 binaural head with recordings of the same performances made simultaneously using a conventional multi-microphone setup feeding a mixing deck to produce a conventional stereo mix. They digitally recorded the stereo mix signals on two channels at 24 bit/192 kHz PCM as well as at the "double DSD" rate of 5.6 MHz, while at the same time recording the binaural signal on another two channels. The result, a new binaural direct-to-disk LP entitled "España," is a tribute to Spain and includes pieces by Rimsky Korsakov, Bizet, and Chabrier. The recordings are also available as digital downloads in studio-master quality 24 bit/192 kHz PCM and DSD via the Chasing The Dragon website at www.chasingthedragon.co.uk.

Chasing The Dragon has kindly made available two 1 min 30 second excerpts from the Chabrier's "España" recording as a studio master 24 bit/192 kHz PCM file. This provides a unique opportunity to directly compare a conventional stereo recording against a binaural recording of the identical performance. The first excerpt is taken from the conventional stereo mix and the second from the binaural recording. audioXpress readers can [access the recording on streaming here](#) or [download it from here](#) by right-clicking on the filename and selecting "Save target as..."