



As an undergraduate in Dublin, Ireland, **Andrew Norris** aimed for a future in mathematical physics but changed course after moving to the USA where he did his PhD in Engineering Sciences and Applied Mathematics at Northwestern University. After a few years working with Exxon he moved to Rutgers University where he is a professor of Mechanical Engineering. The common theme all along has been an intense interest in acoustic and elastic waves, which share the same characteristic qualities. He found that learning about seismic waves provides better understanding of acoustic phenomena, and vice versa. His current research is in acoustic and elastic metamaterials, focused on underwater applications. Acoustic metamaterials use concepts that at first sight might appear to be pushing the limits of physics, but are still feasible. A prominent example is transformation acoustics, which can lead to exotic effects such as cloaking, but is also the basis for designing accurate acoustic lenses. Dr. Norris has recently used these ideas to design and demonstrate underwater acoustic focusing devices, with help from collaborators. Dr. Norris is a Fellow of ASA, an Associate Editor of JASA, and in 2016 delivered the Tutorial Lecture at the ASA meeting in Salt Lake City.