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Prof. Hao-Li Liu

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Dr. Hao-Li Liu received the Ph.D. degrees in Electrical Engineering, National Taiwan University, Taiwan in 2003, and finished his post-doc training in Brigham & Womens Hospital, Harvard Medical School, with Dr. Kullervo Hynynen in 2005. He is currently the Professor of Department of Electrical Engineering, National Taiwan University, Taipei, Taiwan. Dr. Liu is currently working on research topic in ultrasound non-thermal therapy and its treatment planning/ simulation including blood-brain barrier opening, focused ultrasound neuromodulation, and ultrasound phased array design. Dr. Liu has published over 140 SCI ultrasound-related papers, over 40 worldwide patents been filed in areas of biomedical use of therapeutic ultrasound. He received the 2015 Frederic Lizzi Award from the International Society for Therapeutic Ultrasound (ISTU) for recognizing his contribution in preclinical advances of brain therapy application. He previously also joined as the board member of ISTU (term 2015-2018). He is currently joining the NaviFUS Inc. (dedicated to promote a clinical purposed neuronavigation-guided transcranial focused ultrasound device) as technical consultant to support the ongoing BBB-opening and epilepsy clinical trials conducted in Taiwan.