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기타소속:

강연제목: 의사공학자 육성과 미래

Training of M.D. Engineer and the Future

Abstract:

As one of the few M.D. medical engineers who have studied and experienced biomedical engineering in Korea for a relatively long time, I would like to share my experience and solutions at a time when the national task of fostering M.D. medical engineers is becoming a big topic. First of all, I would like to review the research achievements from cases of 4-5 M.D.s I have produced while serving as a professor at the Gwangju Institute of Science and Technology for about 15 years, and briefly introduce some recent research on artificial intelligence-based healthcare and medical image processing. Finally, I would like to share my opinions based on my long-term knowledge in the field of biomedical engineering and my experience in nurturing M.D. engineering human resources, and have time to think and discuss with the audience about the ultimate way to cultivate true M.D. medical engineers in the future.

Brief Biosketch

Boreom Lee (M.D./Ph.D.), graduated from the College of Medicine, Seoul National University, South Korea. He received M.D. degree in medicine and Ph.D. degree in biomedical engineering from Seoul National University, in 1998 and 2007, respectively. He joined the Faculty of the Gwangju Institute of Science and Technology (GIST), in 2011, where he is currently a Full Professor with the Department of Biomedical Science and Engineering (BMSE). His current research interests include biomedical signal & image processing, brain imaging, neural engineering, digital healthcare system, and machine learning application in medical science.