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JYH-WEI LEE is the Professor of Department of Mechanical Engineering at the Tungnan University, Taiwan. He is also the Dean of College of Engineering, and the Director of Research Center for Micro/Nanotechnology at the Tungnan University, Taiwan. Dr. Lee graduated from the National Tsing Hua University (NTHU) with a B.S. degree in 1982 and Ph.D. in Materials Science and Engineering in 2003. The focus of his research has been the development of surface modification technologies to enhance the mechanical properties, corrosion and oxidation resistance of interest. His work has involved thin films growth by RF and pulsed DC magnetron sputtering, Cathodic arc deposition, thick films growth by electroless plating, pack aluminizing and chromizing processes. The scanning probe microscopy and nanoindentation related techniques have also been adopted to investigate the characteristics of surface structures on nano scale. In addition to research work, he also devoted lots of efforts to promote the education of nanotechnologies in Taiwan. He was invited to give speeches in many universities. He fostered many teachers from primary schools, junior and senior high schools. Jyh-Wei hosts many training courses, workshops and conference on the nanotechnology related topics every year. He also hosted the 2007 TACT annual conference in Taiwan. The annual “Taiwan Nano Image Competition” hosted by him has gained prosperous results since 2006. Jyh-Wei is involved in several professional societies, including AVS, ECS, Chinese Society for Materials Science, The Corrosion Engineering Association of the Republic of China and Taiwan Association of Coating Technologies.

He is currently a member of the Board of Directors, Taiwan Association of Coating Technologies. He is also a member of the Editorial Board of Journal of Chinese Corrosion Engineering.

Statement of Intent:

AVS has many well-organized local chapters and lots of brilliant members. I would like to assist the connecting of international corporation and networking for members in Taiwan and other chapters in USA. In addition, I’ll focus on the education and training of students, who will become our members, regarding the vacuum and thin film technologies.