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Yaw-wen Yang received his B.S. (1978) and M.S. (1980) in Chemistry from NTHU in Taiwan. He then went to Dept. of Chemistry at The University of Chicago and received his Ph.D. in Physical Chemistry in 1988. He then spent next four years as a postdoctoral research associate at the University of Washington, Seattle and one year at Brookhaven National Laboratory at Long

Island, New York. He returned to Taiwan and joined NSRRC in 1993, an institute where he has been working ever since. He once held an adjunct appointment with Dept. of Applied Chemistry, NCTU between 2002 and 2007. Since August 2006, he has also been an adjunct professor with Dept. of Chemistry, NTHU.

One of my current research projects is to investigate interfacial electronic property and crystallinity state of organic semiconducting thin films when deposited on dielectric surfaces. The growth of high-quality organic crystalline films is known to be hampered by the presence of weak intermolecular force and a myriad of molecular conformations on surfaces. Based on the knowledge gained from the fundamental study using UHV surface science techniques, we adopt various approaches to perfect the growth of thin films in the hope of optimizing the overall performance of organic field effect transistors.

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