

Increasing Future Application Potential of Solar Energy

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Biography

Sewang Yoon was a Korean navy officer working at Korean Agency for Defense Development when he first encountered the huge and impressive system of US Military Standards and Specifications in 1972. Until 1975 as a staff of ADD, he worked mainly on reverse engineering and necessary R&D at the same time translating Mil Specs and Mil Handbooks as needed which became the backbone of Korean Standards later.

After graduating from UCLA in California USA, he had a chance to develop a 20% silicon concentrator solar cell for Sandia National Laboratories in 1981 at M/A-Com. In 1989, he became the co-founder of a CPV company AMONIX with Vahan Garboushian as a Vice President, Technology. AMONIX won 'R&D100 Award' in 1994 for 'High Efficiency Silicon Solar Cell'. He built many HCPV(High Concentration PV) systems for APS, PVUSA and others.

He joined IEC TC82 WG7 in 2005, when WG7 was working on IEC62108 Draft version. Since then he has been involved in WG7 as a representative of Korea. He also participated in the most recent WG7 meeting activity at EU JRC in Ispra in Sep. 2014.

In January 2015, he was elected for Vice Chairman of newly organized IECRE PVOMC (Photo Voltaic Operation Management Committee) under IEC CAB(Conformity Assessment Board).