

Emeritus Professor Kozo Osamura
Director and Chief Researcher of
Research Institute for Applied Sciences,
Kyoto Japan.



Professor Kozo Osamura is Director and Chief Researcher of Research Institute for Applied Sciences, Kyoto Japan. He graduated from Kyoto University in 1965 and finished the doctor course in Kyoto University and received Doctor of Eng in 1970. He was Professor in Department of Metallurgy, Kyoto University from 1985 to 2005. He is now Emeritus Professor of Kyoto University. He was Director of Mesoscopic Materials Research Center, Kyoto University during 1992 and 1994. He received Prize for Outstanding Achievement, The Japan Institute of Metals in 1985, Gold Medal, Japanese Society of Light Metals in 2006, Minister Awards (Superconductivity), Ministry of Economy, Trade and Industry Japan in 2013 and Lifetime Achievement Award, International Cryogenic Materials Conference in 2017. He was Program Chairman of the 10th International Symposium on Superconductivity, Japan in 1997, Chairman of International Workshop on Mechanical – Electromagnetic Properties of Composite Superconductors in 2003 (MEM3), in 2005 (MEM5) and in 2011 (MEM11). He is Convener of IEC – TC90 WG2 (Critical Current Measurement of Nb-Ti), WG5 (Tensile Test) and WG13 (General Requirement).

Research highlights include: (1) *Study on the local stress / strain dependence of critical current (59 papers)*; (2) *Study on various mechanisms enhancing critical current in practical superconducting wires (83 papers)*; (3) *Study on improving the mechanical property of practical superconducting wires (39 papers)*; (4) *Study on phase diagram and phase evolution during the microstructure optimization (52 papers)*; (5) *Research work for international standardization of the test method (21 papers)*.