## ED6-5-INV

## Coherent superconducting circuits and quantum information -30 years' advancements

\*Jaw-Shen Tsai1,2

Tokyo University of Science<sup>1</sup> Riken<sup>2</sup>

In this talk, three decades' progresses in the field of superconducting circuits that exhibit macroscopic quantum coherence, as well as their application to quantum information processing is reviewed.

IEEE/CSC & ESAS SUPERCONDUCTIVITY NEWS FORUM (global edition), February 2018. Received December 14, 2017; Selected January 24, 2018. Reference STP614. Plenary presentation ED6-5-INV was given at ISS 2017, December 13-15, 2017, Tokyo, Japan.