



















Certificate of Conference Award

This is to certify that

Siriwat Alaksanasuwan and Nirun Witit-anun

presented titled

"EFFECT OF $\rm N_2$ FLOW RATES ON STRUCTURE AND HARDNESS OF NANOCRYSTALLINE CRZRN THIN FILMS PREPARED BY REACTIVE DC MAGNETRON CO-SPUTTERING"

For Winning the Conference Award

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