## **Additive Manufacturing Center and the Nondestructive Evaluation Activities**

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## **Abstract**

Additive manufacturing enter (AMC) for customized mass production is a featured national research center founded for higher education sprout program (HESP) supported by Ministry of Education (MOE) in Taiwan. AMC aims at research, development, and integration of manufacturing and production techniques towards commercial industrial products. For customized production, researches in AMC cover a wide spectrum including measurement techniques, analysis and modeling, material development, additive manufacturing process and equipment, validation and industrial total solutions. The final goal is to bring digital values of AM to product values and building the ecosystems of new AM applications.

One of the important task in developing AM product is quality assurance where nondestructive testing/evaluation (NDT/E) serve as the key role. In this talk, several developed NDT/E research activities will be presented and future research directions will be outlined.