

MERD'19

THE 6TH MECHANICAL ENGINEERING RESEARCH DAY

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INVITED SPEAKER

AHMAD RIVAI

Sekolah Tinggi Teknologi Bandung

Short Biography

Ahmad Rivai born and grow in Bandung Indonesia, Ahmad Rivai has been awarded a scholarship after his first year at ITB to continue his study in France. Graduated from aeronautical engineering school in France, he pursued his 25 years of career in the different countries as engineer, manager and academician. Starting with internship at Eurocopter France, he continues work in aerospace industry at Indonesian Aerospace and Fairchild Dornier Germany for about 11 years. While working in the industry, he begins the service as academician as visiting lecturer at Universitas Muhammadiyah Surakarta Indonesia. In 2005 he dedicated his time as permanent lecturer at UTeM until 2018. Now he is lecturer at Sekolah Tinggi Teknologi Bandung Indonesia and doing some consultation jobs.

Development of New Turboprop Aircraft N219

The Indonesian aerospace industry, as seen by the circle of aerospace community for the last 5 years, is in the period of reviving phase. This phase is marked by appearing projects and events that functioning as driving energy for the revival. Developments of N219, R80, N245 and IFX aircrafts can be seen as the iconic projects of this reviving phase in aerospace industry. The newly flight N219 aircraft is a new generation multi-purpose aircraft, which is designed to be the most suitable mode of transport to open isolated areas, improve people economy growth, and to maintain defence and security. Carrying 19 passengers with the largest cabin cross section of its class, the proven and efficient engine widely used, advanced avionics suite, fixed tricycle landing gear, as well as wide cargo door for multi role capability and quick change configuration, N219 is designed to provide advantages to the operators from technical and economic aspects.