



Kakuichi Shiomi, Ph. D.

PSAM12 Speaker Bio

Air Traffic Controllers' Workload on the Period of ATC Paradigm Shift

Short Statement: the first author

BIOGRAPHY

EDUCATION

Name of Institute: Tokyo Institute of Technology, Japan

Year of Study: April 1978 - March 1988

Major Field of Study: Applied Physics

Doctor's degree of science

EMPLOYMENT RECORD

Name of Organization: Electronic Navigation Research Institute

Year of Service: April 1988 to Present

Job Title: Principal Researcher

Job Description:

- 1) The study of airport surface movement guidance and control system.
- 2) The study of man/machine interface on developing the New Air Traffic Control Consoles for airport controllers.
- 3) The study of ATC simulation and simulators based on virtual reality technology.
- 4) The study of Passive Surveillance Radar System.
- 5) The study of Fatigue and Drowsiness Predictor based on chaotic human voice processing

