

Hyoung Yoll Jun

701.H.R. Bright Bldg College Station, TX, 77840-3141 office) (979) 845-3776 E-mail) hyoungyoll@aero.tamu.edu

Education:

Ph.d Student-Aerospace Engineering

Texas A&M University, College Station, Tx
GPA: 3.80/4.0

M.S., Aerospace Engineering

Inha University, Inchun, Korea(3/1994-2/1996)
GPA: 3.78/4.0

B.S., Aerospace Engineering

Inha University, Inchun, Korea (3/1988 – 2/1994)
Thesis Title: “Automatic Jack for Vehicle”
GPA: 3.29/4.0

Areas of interests

Heat Transfer/Fluid Mechanics
Shape memory Applications: Actuator developments
Experimental of Fluid Mechanics and Active Materials
Control of SMA

Work Experience:

- **August 99-Present,**
Graduate Research Assistant in Department of Aerospace Engineering, Texas A&M University
 - Fuel-Powered Compact SMA Actuator
 - Development of Biomimetic Underwater Vehicle
- **Thermal Engineer in Hyundai Electric Company (11/1997 – 3/1998)**
 - Thermal Analysis of LEO Satellite (Global Star)
 - Satellite AIT(Assembly & Integration and Test) of LEO Satellite
- **Thermal Engineer in Korea Telecom (2/1996 – 10/1997)**
 - Thermal analysis of GEO satellite(KOREASAT I, II)
 - Automation of ground control system of GEO satellite
 - Anomaly detection and its contingency procedure
- **Korea Navy (1/1991 – 7/1992)**

Publication:

Othon Rediniotis, Dimitris Lagoudas, Hyoung Jun, Richard Allen, “Fuel-powered compact SMA Actuator”, Industrial and Commercial Applications of Smart Structures Technologies, SPIE 9th Annual International Symposium on Smart Structures and Materials, March 2002

MS Thesis, “A Study on the Skin Temperature Prediction for High Speed Aerospace Vehicles and the Orbital Thermal Analysis for Satellite”, 1996

Computer Skills:

Heat Transfer: Fluent, SINDA/G, TRASYS

MS-DOS, Windows NT/98/2000, UNIX, **Pro-Engineer**, AutoCAD,
C & FORTRAN, Matlab, MathCad, Maple, MS Office (Excel, Word, Power Points), Lab Windows