Boeing Higher Education Program Seminar

On February 16, 2023

At Lecture Room A, Extended Education & Research Building,

Katahira Campus, Tohoku University

13:00-13:05   Introduction by Prof. Shigeru Obayashi

13:05-13:50   **Presentation:**
- **Boeing Research &Technology Team**
- **Mr. Will Shaffer, President of Boeing Japan**

2021-2022 Performance Report of Tohoku University Students' Projects Supported by Boeing Higher Education Program

<Undergraduate students' projects>

14:00-14:15   Tohoku UAV Tech. (Unmanned Aerial Vehicle)
         Kohei MATSUMOTO, Ryoichi TAKEZOE
         (B4, Department of Mechanical and Aerospace Engineering)

14:15-14:30   From The Earth (Hybrid Rocket Launching)
         Keita NAGAOKA, Daichi YAMASHITA, Junnosuke KAMOHARA
         (B3, Department of Mechanical and Aerospace Engineering)

14:30-14:45   TUFT (EV Formula Car Racing)
         Daiki IWAMOTO, Tatsuhiro OKUDAIRA
         (B3, Department of Mechanical and Aerospace Engineering)

14:45-15:00   T-semi (Robotics Circuitry and Programming)
         Ryuzo TAKAHASHI (B3, Department of Civil Engineering and Architecture), Itsuki HAYASHI (B1, Department of Mechanical and Aerospace Engineering)

15:00-15:15   Windnauts (Human-powered Airplane)
         Ryosuke KANO, (B3, Department of Mechanical and Aerospace Engineering)

<Master's students' projects>

15:15-15:30   Yoshiki ANZAI
              (M2, Department of Aerospace Engineering)
              "Development of Data-Driven Science-Based Flow Field State
              Estimation Model and Flow Control Method"

15:30-15:45   Muhammad Alfiyandy HARIANSYAH
              (M2, Department of Aerospace Engineering)
              "Deep Learning Techniques for Aerodynamic Wing Shape
              Optimization"

15:45-16:00   Comment from Boeing Japan