**Speaker:**

**Anıl GÜÇLÜ**

Lead Engineer,

ROKETSAN Missile Inc.

**Title:**

***Mechatronics Engineering in Defense Industry: Present and Future***

The talk will be about;

- mechatronics in defence industry

- where we are as mechatronics engineers

- things that we can do and can NOT

- what you should do

**Short Biography**

Anıl GÜÇLÜ graduated from the Mechatronics Engineering Department of Atılım University in 2009 as a high honour student and received his M.Sc. degree from the same department in 2012. He has been a research assistant for six months within the same department after graduation. He has been working for ROKETSAN Missile Inc. since April 2010. His master thesis was about developing autopilot and guidance algorithms for rotary wing air vehicles. He also has worked for Atılım University Mechatronics Engineering Department as a part-time lecturer for System Dynamics and Control, Control Engineering I-II and Flying Robotics courses. Now, he is a PhD. candidate at the Middle East Technical University (METU), Aerospace Engineering Department about developing autopilot and guidance algorithms for rotary wing, fixed wing, and vertical take-off and landing (VTOL) aerial platforms with estimating and rejecting the disturbances. He is a Certified LabVIEW Associate Developer and develops real-time control and communication softwares. Nowadays, he works for ROKETSAN Missile Inc. as a lead engineer at system test division, hardware in the loop tests unit. Anıl Güçlü is married and has a son.