

University - **Industry** Interactions



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Workshop on University – Industry Interactions
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- ✓ Stakeholders
- ✓ Drivers for University-Industry Interaction
- ✓ Barriers for University-Industry Interaction
- ✓ A Successful University – Industry Spinoff

FUNDING ORGANIZATIONS



SOCIETY AT LARGE



UNIVERSITY RESEARCHERS
STUDENTS

INDUSTRY, CHAMBERS OF INDUSTRY

INDUSTRIAL ZONES



UNIVERSITIES, TECHNOPARKS, TTOS

- **Drivers for University**

- To carry research based on the needs of the industry
- To get funds from industry
- Governmental policies and funds for university-industry collaborations
- To connect the students with the industry

- **Drivers for Industry**

- Incorporating academical knowledge into their research and the products
- Request from funding organizations to have academicians in their R&D projects
- To continue to receive funds if they have research centers funded by the ministry of science, industry and technology
- Governmental policies and funds for university-industry collaborations
- To find best students to work with them

- **Barriers for University**

- University's demand on academicians to make publications with higher number of citations
- Industry's demand for short term outputs
- Industry's demand on development rather than research
- Sharing IP Rights
- Difficulty in communicating with industry
- No effect on promotion of the academicians

- **Barriers for Industry**

- University's demand for medium or long term research
- Academician's priority is on research and publications
- Sharing IP Rights
- Difficulty in communicating with university
- Previous bad experiences with university

- On November 2014, Bilkent University and Aselsan established a spin-off company called AB Micro Nano Technologies Inc.



- This company was a result of university-industry collaborations between Aselsan and Bilkent University supported and funded by Defence Industries Undersecretariat and TÜBİTAK on GaN Semiconductor technologies starting from early 2000s.





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Thanks !