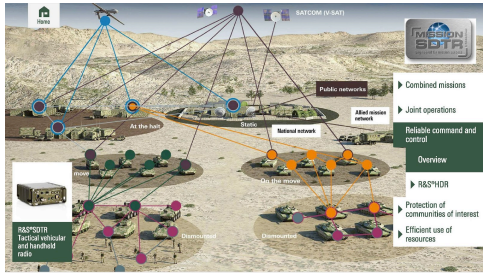
Osman Yağan

ECE and CyLab
&SV

PhD projects: Two openings
Master's project: Available upon request

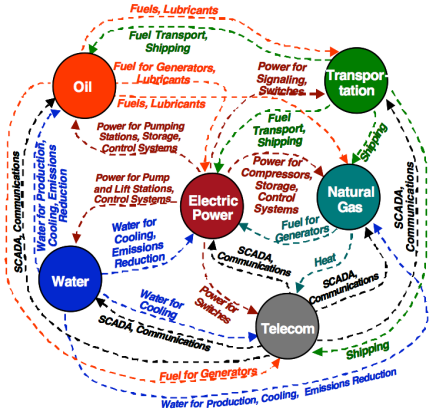
➢ Secure, Reliable, and Resilient design of Mobile Wireless Sensor Networks

- key tools: random graph modeling & analysis



➢ Analyzing and Optimizing Robustness of *Interdependent* Cyber-Physical Systems

- key tools: model identification (i.e., machine learning), discrete optimization, dynamical analysis over graphs



➢ Information & Influence propagation over *Multi-layer* and *Multiplex* Social Networks

- key tools: Big DATA, discrete optimization, design and analysis of graph *algorithms*

Electrical & Computer ENGINEERING