

2016-21: **Adaptive Cyber Physical Systems (CPS)**

This call is for soliciting innovative research proposals in the area of adaptive Cyber Physical Systems (CPS). CPS are systems of collaborative computational elements controlling a physical process, such as smart grid, autonomous vehicle networks, etc. The goal is to realize context-aware CPS that are self-configured, self-optimized and self-healed with minimal human intervention. To be resilient against cyber attacks, it is desirable to adopt a multi-disciplinary approach spanning areas such as game theory, cognitive science/psychology and deep learning.