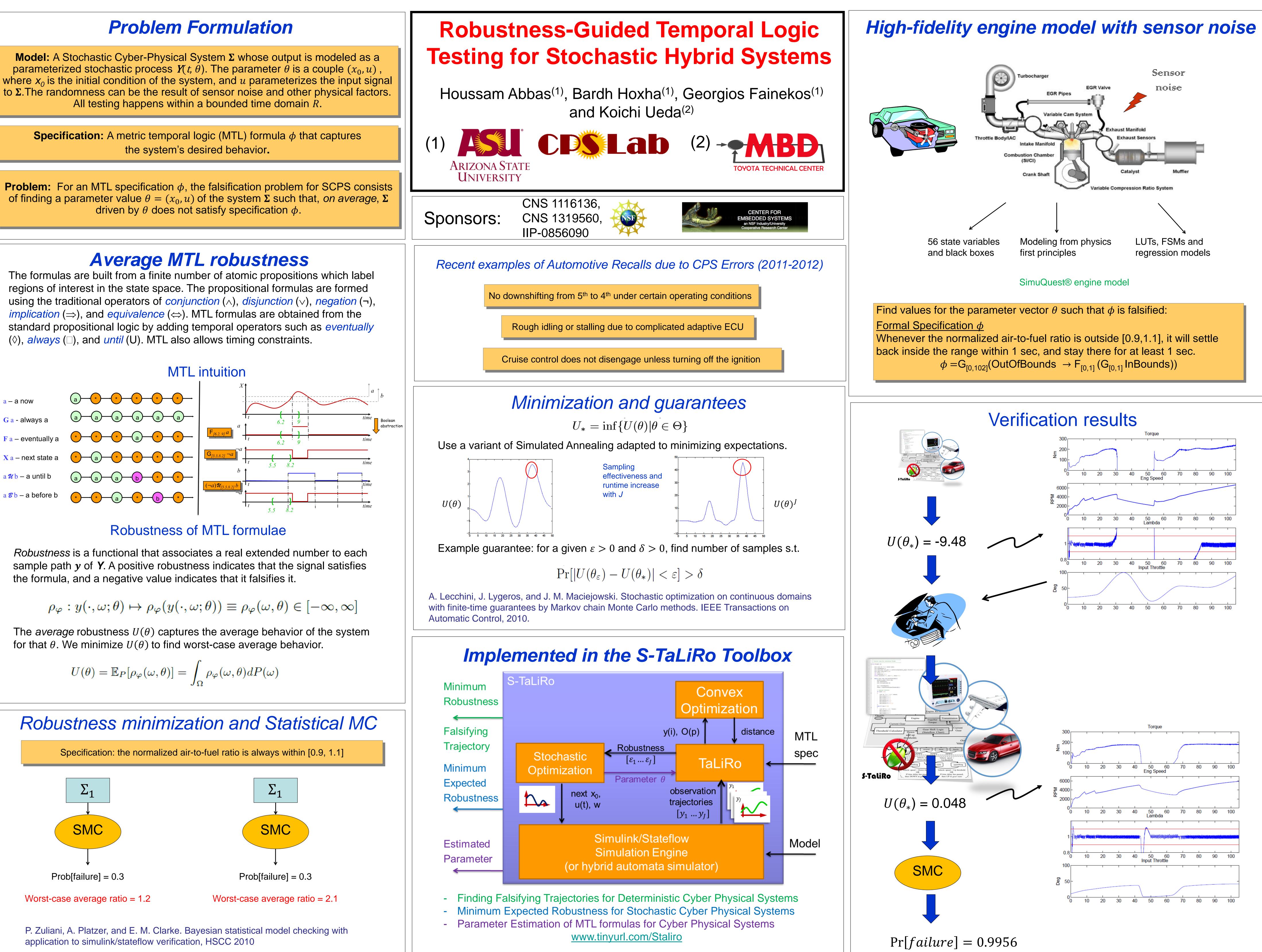
the system's desired behavior.

driven by  $\theta$  does not satisfy specification  $\phi$ .



$$\rho_{\varphi}: y(\cdot, \omega; \theta) \mapsto \rho_{\varphi}(y(\cdot, \omega; \theta)) \equiv \rho_{\varphi}(\omega, \theta) \in [-$$

$$U(\theta) = \mathbb{E}_P[\rho_{\varphi}(\omega, \theta)] = \int_{\Omega} \rho_{\varphi}(\omega, \theta) dP(\omega)$$

