

Common Invariant for the Entire System:

$I_{C1}:\{\text{Cyber}\}$



$I_{C2}:\{\text{Physical}\}$



$I_{Cn}:\{\text{Network, Scheduling, ...}\}$

Translate

“if ... then ... else”,
“ $A \wedge B$ ”, “ $C \vee B - A$ ”



CS

Translate

“Lyapunov function”,
“ dR/dt ”, “ $e(t) < e_{\max}$ ”



EE

...

Translate

“Domain-specific
description”



RT Scheduling,
Communication,
Networks, ...

Experts