The world faces some of its greatest challenges of modern time and how we address them will have a
dramatic impact on the life for generations to come. Simultaneously, control systems, consisting of infor-
mation enriched by various degrees of analytics followed by decision-making, are pervading a variety of
sectors, not only in engineering but beyond, into financial services, socio-economic analysis, entertainment
and sports, and political and social sciences. Increased levels of automation are sought after in various
sectors and being introduced into new domains. All of these advances and transformations urge a shift
in the conversation toward how control systems can meet grand societal-scale challenges. The document
seeks to chart a roadmap for the evolution of control systems, identifying several areas where our discipline
can have an impact over the next decade.

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