

Executive Summary

- Appears first in the plan but is completed last in the planning process
- Summarizes each section of the plan

Elevator pitch

- In the fast-paced world of computers and information in engineering (CIE), staying at the forefront of technological advancements is crucial. Our division is the ultimate hub for engineers seeking to harness the power of computers, computing methods, information management and cutting-edge software. We provide a platform where academics, industry and professionals can explore the latest emerging technologies that directly impact critical engineering challenges.
- From enhancing representation and product design to streamlining product development, our forum offers a comprehensive understanding of how these advancements drive innovation throughout the entire design and engineering product, system and process life-cycle. We provide invaluable insights into information management and integration, enabling designers and engineers to optimize their workflows and make data-driven decisions.

Mission & Vision Statements

■ MISSION

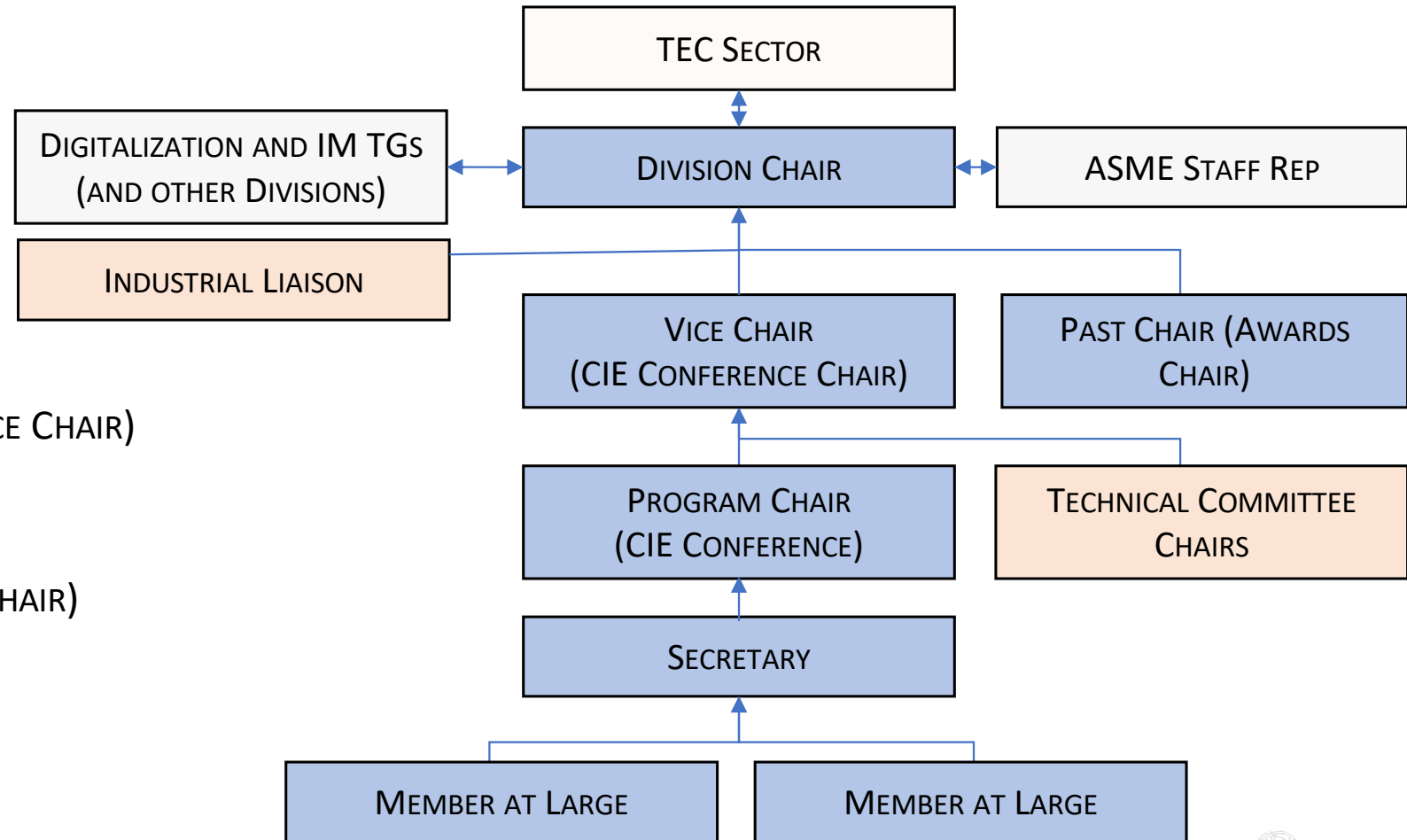
- Provide a conduit for the advancement and dissemination of cutting-edge research in digital technologies, such as Modeling and Simulation (M&S), Information Models, Digital Twins, Machine Learning (ML), Artificial Intelligence (AI), and Extended Reality (XR) in areas relevant to engineering domains
- Support networking among academia, industry and government in the world
- Intelligent use and best practices—advances in the industrial side (what works and what doesn't work; how to implement; what to watch out for)
- Support advancing professional and academic careers as well as career opportunities for students
- Outreach impact to public at large to make them aware of the technology impact of on everyday life

Mission & Vision Statements

■ VISION

- Advance the fields of engineering through leadership in the development and adoption of digital technologies. In the next three years the CIE Division will look to establish itself as a recognized leader in Digitalization, Virtualization, Artificial Intelligence, and Internet of Things (IoT) in Engineering.
- Drive more industry attraction and collaboration and bring together industry and academia to discuss where the tools are taking us, how they will solve real-world problems, and how they will affect the lives of everyday people. The CIE division is expected to become a central point for charting the course for the future of digital technology.
- educate the public at large on digital technologies and promote inclusivity and diversity in the fields of engineering
- Recognize ASME vision through use of digital technologies, put better tools in the engineers trying to address “big picture” problems

Structure/Organizational Chart



- CHAIR
- VICE CHAIR (CONFERENCE CHAIR)
- PROGRAM CHAIR
- SECRETARY
- PAST CHAIR (AWARDS CHAIR)
- MEMBER AT LARGE
- MEMBER AT LARGE
- **INDUSTRIAL LIAISON**

Core Values

- HONEST AND INTEGRITY, EMBRACING SCIENCE FOR THE BETTERMENT OF ALL, PURSUIT OF UNBIASED RESULTS
- PROMOTE AND RECOGNIZE CONTRIBUTIONS AND INDIVIDUALS ENSURING INCLUSION, EQUITY AND GENDER BALANCE (*HONOR VOLUNTEERS AS OUR MOST VALUABLE RESOURCE*)
- PLEDGE ACCOUNTABILITY, FAIRNESS AND RESPONSIBILITY

Strategic Goals

- **SHORT TERM, 1-TO-2-YEAR GOALS**

- Develop an accepted Strategic Plan
- Grow the Division from 4 Technical Committees to 5-6
- 5-10% growth in conference
- Establish new strategic partnerships within CIE (Digitalization, Intelligent Manufacturing TGs)
- Improve communication strategy
- Increase students participation

- **LONG TERM, 3-TO-5-YEAR GOALS**

- Grow segregated account (influx)
- 15-20% growth in conference
- Establish strategic partnerships outside of ASME

Key Performance Indicators and Metrics

- Number of Conference Attendees
- Number of Published Conference Papers
- Number of Technical Contributions
- Number of Journal Special Issues sponsored by CIE
- Number of Paper Citations
- Percent Change from previous year
- Number of Webinars
- Number of “CIE” members as first and second choice
- Industry participation (conference participants)
- Student Participation (conference and poster session/hackathon participation)
- Number of conference papers to journal papers

Add “course corrections” to KPIs- thoughts on how to adjust

Actions & Timelines

- Assign responsibilities and timelines to complete the actions
- Ensure you have a plan to meet your strategic objectives
- Use your KPIs and metrics to measure performance

