

Position Description – EDS Technical Committee Chair

An EDS Technical Committee (TC) Chair plays a pivotal role in promoting technological advancements, fostering innovation, and shaping the future of electron devices and technologies. As a visionary leader and expert in the field, the EDS TC Chair spearheads initiatives to identify future technology directions, nurture emerging technical domains, and facilitate groundbreaking work within the committee's focus areas.

Responsibilities and Activities:

- Provide proactive leadership by setting **strategic focus and priorities** and **generating annual progress report** for the committee's work.
- Initiate and guide the **selection of work areas** that help push technological boundaries and drive innovation.
- Organize impactful **workshops, special conference sessions, and journal special issues** to disseminate cutting-edge research and development results.
- Facilitate **conference sponsorship, technical competitions, award programs, and other initiatives** to foster technical growth and recognition.
- Contribute to the development of dynamic technical communities by **generating influential and relevant technical content**.
- Proactively create **review articles, white papers, roadmaps, books, and other materials** to establish **thought leadership** and provide guidance in advanced and emerging technical areas.
- Drive the establishment of **tutorials, webinars, and short courses** to disseminate knowledge and promote skill development in advanced technologies.
- Serve as a voting member of the EDS Forum, **collaborating actively** with other EDS leaders, journals, conferences, and organizations to achieve committee goals.
- Leverage EDS support and **collaborate with external organizations** to make **a lasting impact** and drive **cutting-edge advancements** in the field.
- Efficiently **budget, allocate and manage limited funding** to ensure maximum **impact and sustainability** for committee activities.
- Work with the EDS VP of Technical Activities to **recruit and retain committee members** who are willing and able to commit their time and effort to advancing the committee's objectives.
- Promote and embody principles of **inclusion, equity, and diversity** in all committee activities and assist in facilitating a seamless **committee leadership transition** when necessary.

This position presents a unique and influential opportunity to shape the trajectory of EDS and its technical field. An EDS TC Chair will be at the forefront of technological advancements, collaborating with global technical leaders, and contributing to the cutting-edge progress of electron devices and technologies. This role carries the responsibility to make strategic decisions, promote innovation, and create a lasting impact on the future of EDS and the broader scientific and engineering community.