> Three dynamic technical areas:

**Systems Science and Engineering**
Systematic formulation, interpretation, analysis and modeling of issues and decision-making opportunities for large and complex systems. Includes the field of systems engineering as well as issue formulation, analysis and modeling, decision making, and issue interpretation for any of the systems engineering life cycle phases associated with the definition, development, and deployment of large systems.

**Human-Machine Systems**
Integration of human/machine systems at multiple scales. Includes areas such as human/machine interaction; cognitive ergonomics and engineering; assistive/companion technologies; human/machine system modeling, testing and evaluation; and fundamental issues of measurement and modeling of human-centered phenomena in engineered systems.

**Cybernetics**
Communication and control across machines or among machine, human and organizations. Includes such areas as computational intelligence, computer vision, neural networks, genetic algorithms, machine learning, fuzzy systems, cognitive systems, decision making, and robotics.

> IEEE Systems, Man, and Cybernetics Society is:

- **Interdisciplinary** Merges three technical areas engineered for practice that span theory to integrated systems
- **Relevant** Engages issues that matter to society and the technical professional community
- **Informative** Provides content that encourages technical growth
- **Authoritative** Leads development of knowledge in our areas of interest
- **Unique** Offers value distinct from other professional technical organizations

> Make SMC your professional home

**Events**
Advance your field of practice and build relationships through our annual flagship conference, workshops, and summer schools.

**Activities**
Meet and learn from new colleagues through our mentoring program, junior initiatives, and special interest events.

**Products**
Enjoy enduring technical value through our book series, webinars, tutorials, magazine, newsletter, and several distinguished journals

**Awards**
Get recognized for your academic/professional performance

---

**SMC is designed for you**
- Informative products
- Stimulating activities
- Personal recognition

For more information
- visit http://ww.ieeesmc.org

Build a successful career here!