IEEE Computer Society 2025 Key Strategies

2025 April 5th IEEE R8 Committee Meeting, Budapest Hungary

Hironori Washizaki

IEEE Computer Society President (Waseda University)

IEEE COMPUTER SOCIETY

IEEE

For over 75 years, the Computer Society has empowered the people who advance technology by delivering resources and solutions that computing students and professionals need to achieve goals at all stages of their careers.

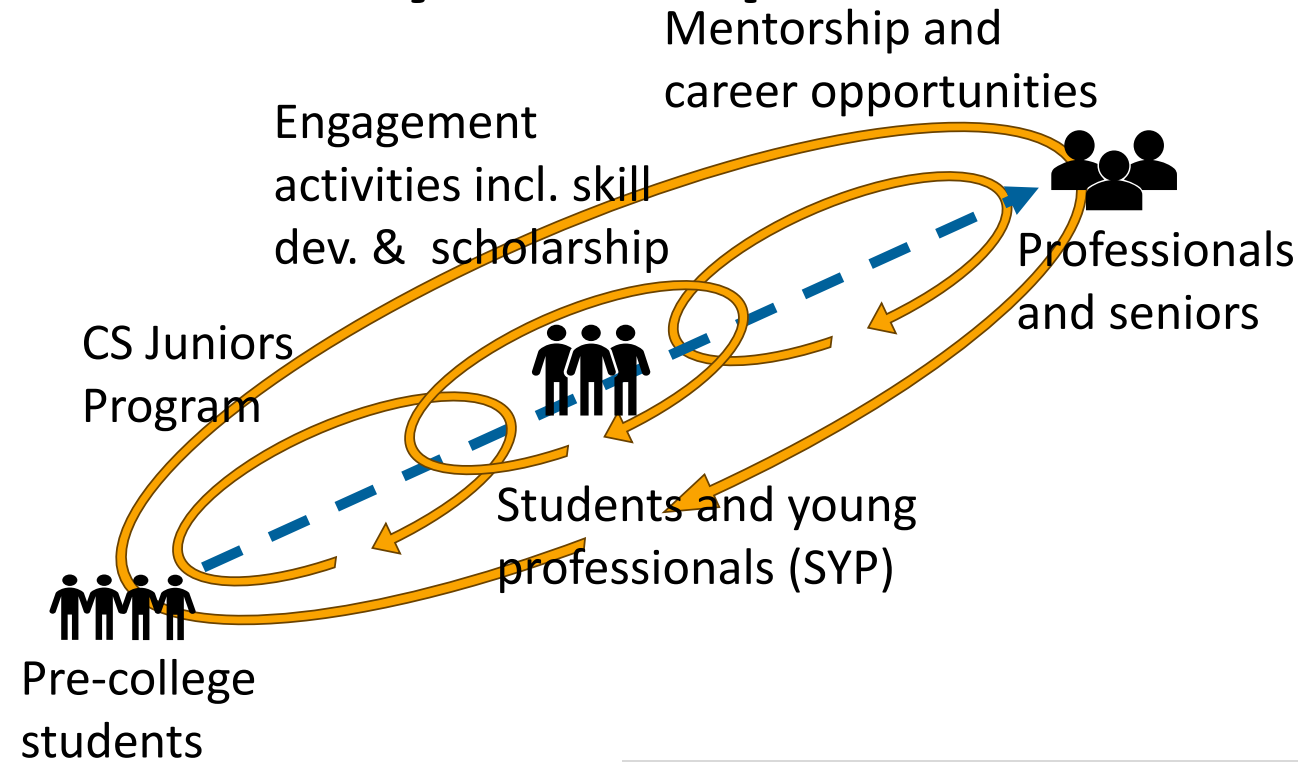Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap

Goals
- Engage more students and early career professionals
- Engage more industry individuals and organizations
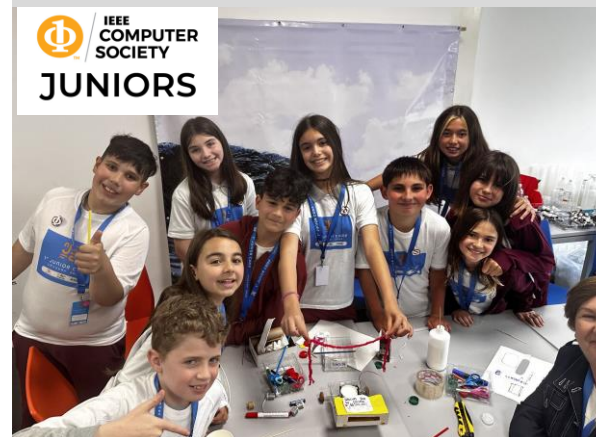- Lead the way in new technical areas

Themes
- Empower and diversify volunteer base
- Nimbleness in execution
- Diversity and inclusion

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Goal 1. Engage more students and early career professionals

- Student & Young Professional Activities (SYP)

- Mentorship and networking

- Scholarship, awards and competitions

- 2024 accomplishes incl.
  - SYP evets globally and at conferences
  - CS Juniors
  - MGA Early Career Speakers Program with topics relevant to industry
  - Africa initiative

- 2025 additions incl.
  - **CS 20-under-20** [new!]

Mentorship and career opportunities

Engagement activities incl. skill dev. & scholarship

CS Juniors Program

Professionals and seniors

Students and young professionals (SYP)

Pre-college students

CS Juniors Program in Montevideo, Nov 2024
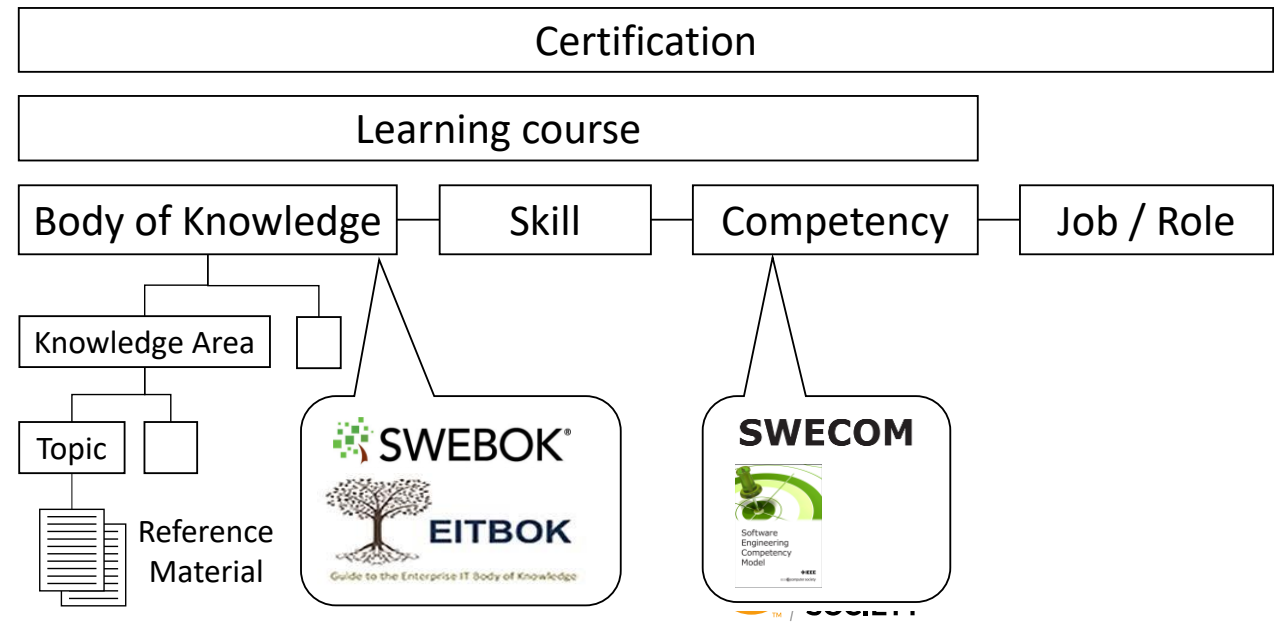
IEEE COMPUTER SOCIETY JUNIORS

All India Computer Society SYP Congress, Oct 2024

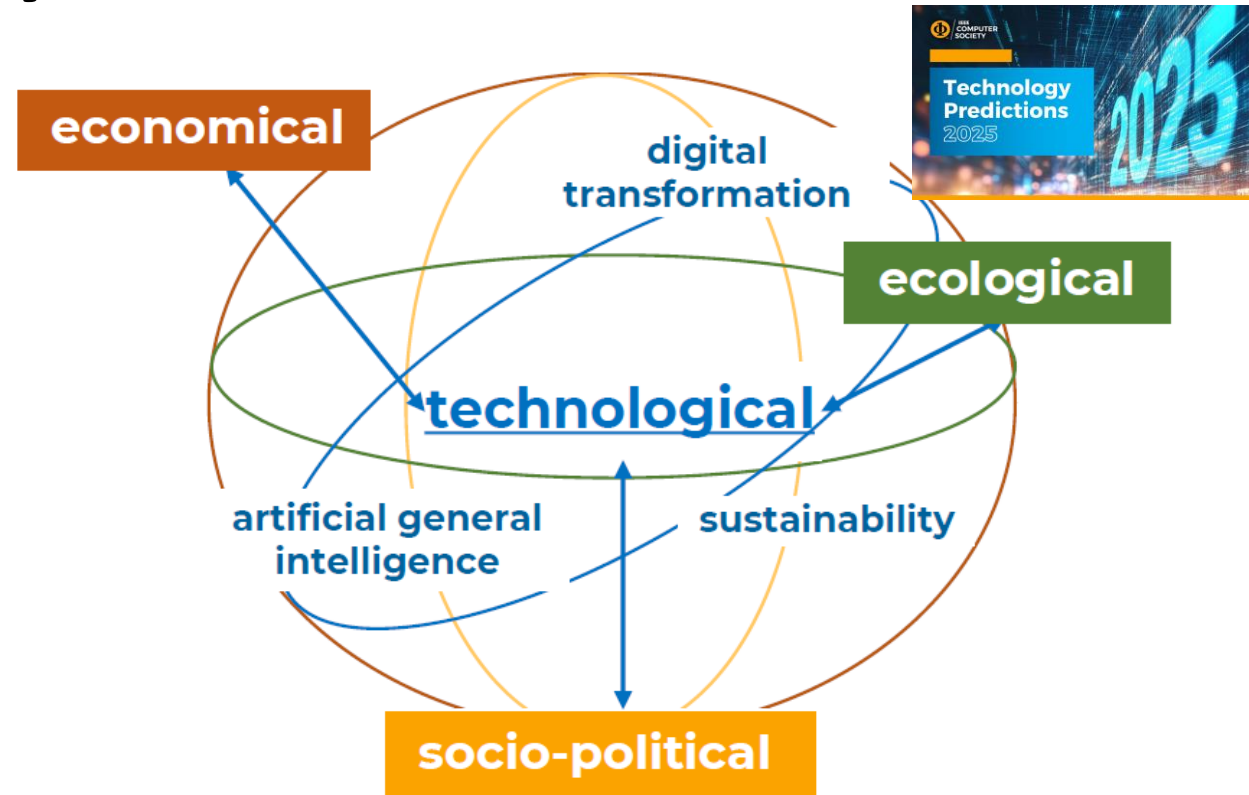# Goal 2. Engage more industry individuals and organizations

- Technical committees and local chapters
- Magazines, journals, standards and ethics
- Technical conferences and events
- Mentorship, sponsorship
- Body of knowledge and frameworks: SWEBOK, SWECOM, EITBOK
- Education, career development

SC 2024, Nov 2024 (around 18,000 attendees)

- 2024 accomplishments incl.
  - Sustain Tech, RAS Summits
  - SWEBOK Guide V4 release and Webinars
  - Corporate/industry showcase at Quantum Week
  - Monthly Standards Webinars
  - MGA TechX events for students/ECP/industry
- 2025 additions incl.
  - **Certification programs revamp** [new!]
  - **SWEBOK Summit** [new!]
  - **Career Catalyst** [new!]

Goal 3. Lead the way in new technical areas

- Technology predictions (led by Dejan's team)
- Technical committees and local chapters (for professionals and students)
- Magazines and journals
- Standards and ethics
- Technical conferences and events
- Cross-society collaboration
  - SPPECCOM IEEE SustainTech Leadership Forum
  - IEEE Future Directions
  - Sister societies: ACM, CCF, GI, IPSJ, SCS, KIISE
- 2024 accomplishments incl.
  - 5 Emerging Tech Programs awarded in 2024
  - Involved in Leadership of AI Coalition
- 2025 additions incl.
  - **Enterprise GenAI Innovation Summit** [new!]

Meeting with presidents of sister societies IPSJ and CCF

Let's expand our community together!

- Strategic themes
  - Empower and diversify volunteer base: Global Chapters Summit, volunteering showcase videos, new/press room
  - Nimbleness in execution: Efficiencies in governance
  - Diversity and inclusion: Grant, award

- Latest news (excerpt)
  - Call: 2026 EiC of Computer and Transactions
  - Call: TCSVC Awards Nominations
  - Call: Emerging Tech Grant Fund Proposal
  - IEEE SWEBOK Summit Registration Open
  - Standards Activities Board Town Hall

CS R8 SYP Congress 2024 in Cairo and Online

Hironori Washizaki (IEEE-CS President 2025)

CS BoG meeting 2022 in Glasgow

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