

**Institute of Electrical and Electronics Engineers (IEEE)  
Central Texas Section  
San Antonio and Austin Region**

**K-12 Activities Committee  
IEEE Teacher In-Service Program Implementation**

- IEEE is the world's leading professional association for the advancement of technology
  - 370,000 members, including more than 80,000 students, in over 160 countries
  - 319 sections in ten geographic regions worldwide
  - 1676 chapters that unite local members with similar technical interests.
  - More than 1,526 student branches at colleges and universities in 80 countries
  - 39 societies and 5 technical councils representing the wide range of technical interests
  - 132 transactions, journals and magazines
  - More than 450 IEEE sponsored or co-sponsored conferences worldwide each year
  - Over 900 active IEEE standards and more than 400 in development
- The IEEE Central Texas Section (CTS) has 4714 members in 44 Texas Counties (most centered around Austin and San Antonio)
- The CTS is deeply interested in encouraging interest in science, technology, and engineering in our youth
- The CTS has decided to implement the IEEE Teacher In-service Program (TISP) in the geographic area served by the section – this region includes 136 School Districts
  - TISP provides support to IEEE members in working with local school districts to enhance interest in science and technology
  - IEEE members provide in-service workshops to K-12 teachers to introduce them to hands-on practical exercises that can be used in the classrooms
  - Provides lesson plans (aligned with national educational standards) on a variety of topics that allow teachers and students to apply engineering principles in the classroom
  - IEEE sponsored website: [www.tryengineering.org](http://www.tryengineering.org) hosts the lesson plans and many other resources on engineering and engineers
- CTS is recruiting volunteers from our membership to partner with school districts to provide these in-service workshops to teachers
- CTS began TISP presentations in spring 2009 and will alternate between San Antonio and Austin
- CTS is partnered with Texas Education Agency (TEA) Regions 20 (san Antonio) and 13 (Austin) to market seminars to area teachers
- Contact Dr. Dean Schneider, CTS K-12 Activities chairman for more information at [d.schneider@ieee.org](mailto:d.schneider@ieee.org)