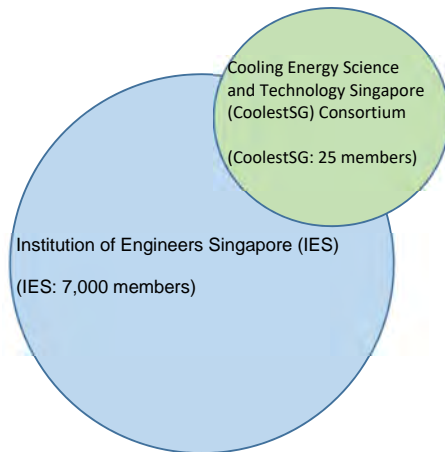


**Singapore  
Member Of AuTSE  
(1) Overview**

(Singapore Time, SGT: UTC+8, Population: 5.5 million)

**1. Organizations**

The relationships among our engineering societies are approximately shown in Fig. 1.



**Fig. 1 Structure of Singapore Societies of Thermal Science and Engineering**

**2. Major Meetings**

World Engineers Summit (bi-annual event hosted by IES) (remark: the meeting does not focus on Thermal Science and Engineering)

**3. Major Journals**

IES Newsletter (weekly)  
CoolestSG Newsletter (quarterly)

**4. Foundations of Scientific Research**

Ministry of Education (MOE) Singapore  
National Scientific Foundation (NRF) Singapore  
Agency for Science, Technology and Research (A\*Star) Singapore

**5. Education (Undergraduate/Graduate School)**

- There are two semesters in a year; the first semester starts in January, while the second semester starts in August.
- Undergraduate school education is taught in English and uses English textbooks.
- Senior students are required to do a final year project under supervision by faculty member.
- Master course: usually 2 years
- Doctor course: usually 4 years

**6. University System (Faculty, Employment, etc.)**

In Singapore, there are two major public universities with engineering programs:

National University of Singapore (2500 Academic staff, about 35,000 students including 27, 000 undergraduate and 8,000 postgraduate students)

Nanyang Technological University (1700 Academic staff, about 31,000 students including 23, 000 undergraduate and 8,000 postgraduate students)

**7. Major Public/Private Research Institutes**

- Advanced Remanufacturing and Technology Centre (ARTC)
- Institute of High-Performance Computing (IHPC)
- Institute of Microelectronics (IME)
- Singapore Institute of Manufacturing Technology (SIMTech)

by P.S. Lee (CoolestSG) and S.K. Chou (IES)