Are you a student?

- **Free:** Students will be granted free membership with full rights.
- **Learn** the latest engineering methodologies applied in the industry
- **Networking:** Exchange opinions with employees of the most successful Swiss technology companies
- **Talk and workshop:** Free participation to the SSSE lecture and workshop activities

Definition of SE

Systems engineering is:

- "Coordination", managing interface, big picture, …
- "Big Picture thinking, and the application of Common Sense to projects;"
- "a structured and auditable approach to identifying requirements, managing interfaces and controlling risks throughout the project lifecycle."
- Systems engineering considers the whole problem, the whole system, and the whole system lifecycle from concept to disposal, "from lust to dust".
- The International Council on Systems Engineering (INCOSE) defines systems engineering as "an interdisciplinary approach and means to enable the realisation of successful systems".
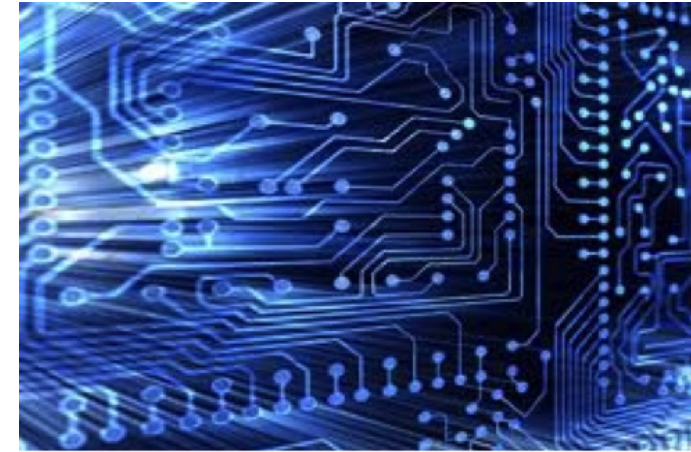
SSSE

SWISS SOCIETY OF SYSTEMS ENGINEERING

INCOSE
International Council on Systems Engineering

The SSSE acts as the Swiss chapter of INCOSE: The International Council on Systems Engineering.

What is Systems Engineering?

Systems Engineering is doing Engineering more efficiently and effectively
We want to show you how it works.
Interested? Read on…

For more information

www.ssse.ch

Cost saving

Systems Engineering enables cost benefits by reducing the overall effort.

"An ounce of prevention is worth a pound of cure"

If not properly planned, coordinated and controlled, any complex activity will degenerate into a series of problems which solution requires great effort and investiment of time and money. If solutions are not found or are simply not affordable, the project is interrupted before accomplishment.
Systems Engineering is the way to avoid this scenario. It consist of increasing the effort right at the beginning of the project by properly plan the tasks, identify weaknesses and prevent their occurrence.

What is Systems Engineering for?

Systems Engineering is a structured approach for the efficient realisation of complex projects. Complex projects are characterized by multiple, strong interacting subsystems.

These few products that would not have been possible without Systems Engineering:

Membership Benefits...
By joining the Swiss Society of Systems Engineering you get the following benefits:

- Access to
  - the constantly growing network of Swiss Systems Engineers, and
  - a useful platform to exchange know-how

...Membership Benefits

- Opportunity to
  - learn more about Systems Engineering (seminars, workshops, presentations)
  - influence the way Systems Engineering develops
- Membership of INCOSE (international) with access to all its resources

The SSSE, as a local organisation, enables you to:
- meet other people interested in Systems Engineering, to
  - make new contacts and
  - share knowledge and experience
- attend interesting events locally, including:
  - presentations and workshops with national or international experts
  - network and discuss locally at social events
- become part of local interest groups forming
- get help to start your own local working group
- access fellow Systems Engineers in both German-speaking and non-German-speaking regions of Switzerland
- benefit from regular newsletters

INCOSE membership provides you with global access to:
- many on-line resources from incose.org
- international interest and working groups
- Reduced rates for international symposia
- World-wide exchanges on methods and experiences