

# Systems and Information Division

## Technical Committee on System Engineering

### Incubation of Exploratory Research in System Engineering

#### Background

Necessity for methodologies to tackle large-scale and complex systems



Multidisciplinary collaboration of mathematics, physics, economics, social engineering and so on

#### Scope and Purposes

- 1) Incubation of exploratory research in system and information engineering
- 2) Diffusion of systems and information engineering
- 3) Systems theory and applications
- 4) Boundary research regions

#### Strategy

Offering opportunities for interaction among industries, academia and government through symposiums, meetings and tutorials

#### Activities

- 1) Committee meetings for case study tutorials and extensive discussions (about 3 times/year)
- 2) Organized session in ICCAS-SICE 2009 entitled “**Optimization Algorithms and Applications**”
- 3) Proposal of organized sessions in Symposium on Systems and Information 2009
- 4) Co-sponsored symposium with other committees
- 5) Others

#### Committee Members

About 40 members from academia, companies and research institutes

Chairperson:

Shunji Tanaka (Kyoto University)

Vice-Chairperson:

Masaaki Ida (NIAD-UE)

Secretaries:

Mizuo Oda (Kozo Keikaku Engineering Inc.)

Makoto Motoki (Kanto Gakuin University)

