

Process Systems Engineering Laboratory

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The mission of Process Systems Engineering Laboratory at TUAT is to conduct research and education related to modeling, simulation, optimization, control, monitoring and design of dynamic process systems. Various methods are applied to chemical process industries, steel industries and auto industries.

Our research interests include:

- Fault detection and diagnosis of process systems
- Dependable process control systems
- Data mining applications to process systems
- Soft-sensor development and maintenance
- Process control and system identification
- Atmospheric transport modeling
- Estimation of greenhouse gas/aerosol emissions and health impacts

More details of our laboratory can be found in the following web site.

<http://www.tuat.ac.jp/~pselab/>

