

Sibendu Som, Ph.D.

Principal Mechanical Engineer - Argonne National Laboratory
Computational Fellow - University of Chicago



Research Field

- Improving efficiency and reducing emissions from internal combustion engines (ICEs)
- Expedite the introduction of alternative fuel sources in ICEs

Research Focus

- Develop high-fidelity computational tools to predict engine behavior prior to testing
- Promote the use of high-performance computing to simulate ICEs

Research Impact

- Significant cost saving for the industry since predictive computations are cheaper than experiments
- More efficient and cleaner combustion engines



http://www.transportation.anl.gov/engines/multi_dim_model_home.html

<http://verifi.anl.gov/>

