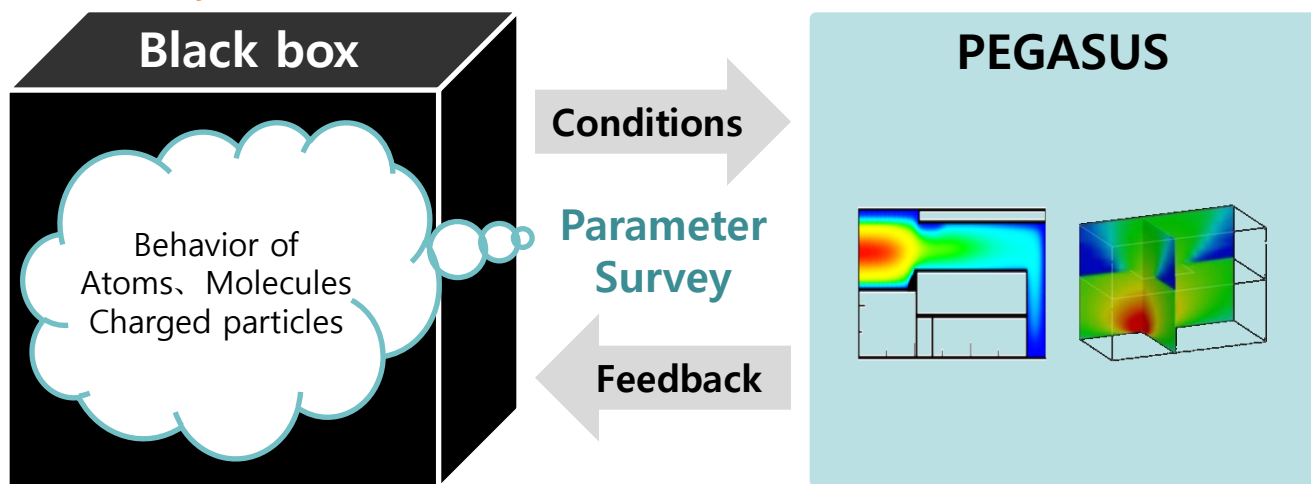




Trend is "Big-size", "Various conditions"
PEGASUS solve problems and improve continuously.
Provide results for your insights.

Plasma / Vacuum equip.
 "Dry process"

Tools for
 Simulation & Visualization



**PEGASUS is "Equipment Simulator" Software for
 PLASMA equipment, Vacuum equipment**

Applications

Ask your problems! bipasori@gmail.com

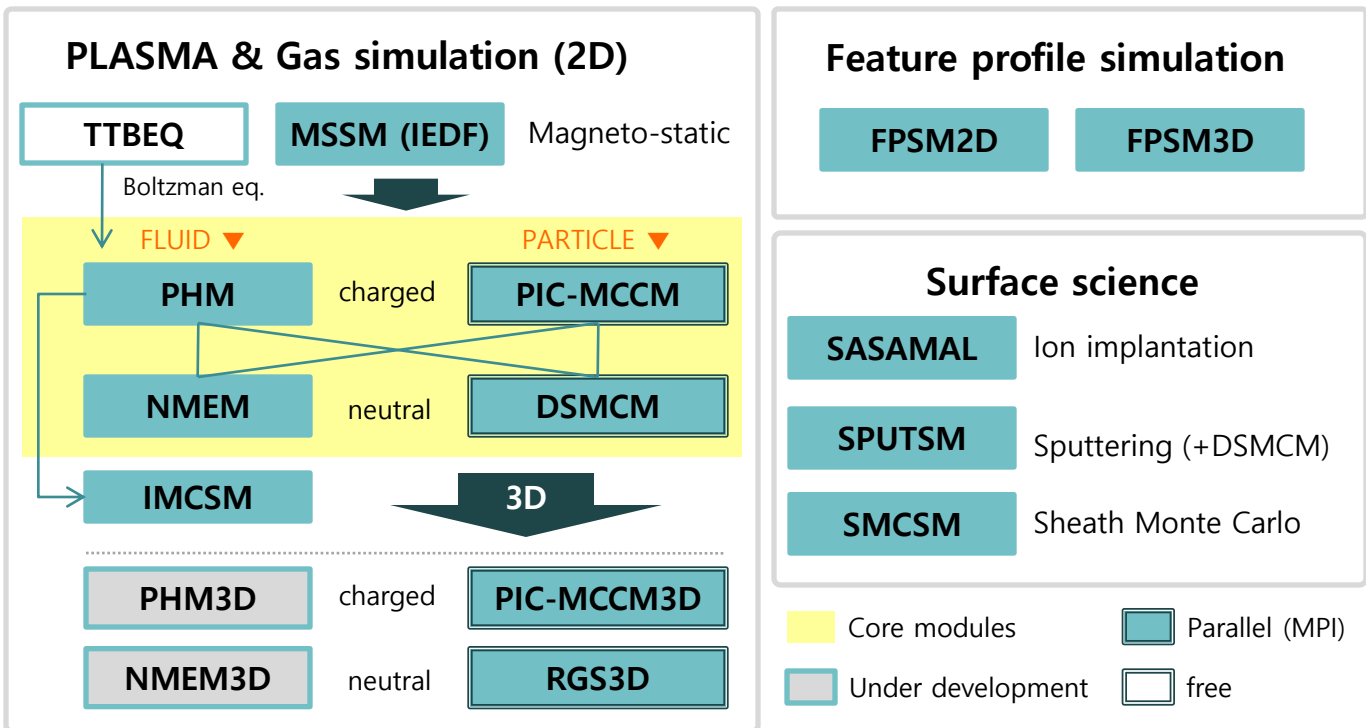
- CCP plasma (PIC-MCCM + NMEM)
- ICP plasma (PHM + DSMCM)
 - ➔ Big-size example : "2.2m * 0.7m * 1m"
- Magnetron sputtering equip. Plasma simulation (MSSM + PIC-MCCM)
- Magnetron sputtering equip. Simulation of Sputtered particles (MSSM + PIC-MCCM + SPUTSM + DSMCM)
 - ➔ Macro simulation ➔ Micro simulation
- DC hollow cathode discharge (PHM)
- Micro plasma discharge (PHM)
- Simulation of Surface discharge in atmospheric pressure N2 (TTBEQ + PHM)
- Simulation of Micro plasma discharge
- Feature profile simulation "SiO2 etching in Fluorocarbon plasma"
- Feature profile simulation "Si etching by Bosch process"
- Vacuum evaporation
- Simulation of distribution of film thickness
- Magnetron sputtering equipment



Try PEGASUS! "Ask trial key and guide"

PEGASUS MODULS

Fluid+Particle model, Single+Parallel, Local+Network license



※ Modules use Atomic-Molecular database

Modeling service

[Discuss model](#) → [Modeling & Workshop](#) → [Simulation results](#)

FEATURES

[Try and get best insight with international service](#)

HISTORY : More than 15 years development since 2002

Capability : Improve for equipment getting bigger and various conditions (low pressure, materials, geometry)

Market : Japan, Korea, China and USA

GAS databases : About 80 gas databases over 15 years
Add by yourself or cooperate to add gas database

Trials : When you get budget, ask trial! bipasori@gmail.com

Online meeting : Timely on-line meeting and Q&A

Maintenance : Workshop, Modeling support with annual maintenance