

Software tools for astronomical education

太陽系模擬装置企画

SOLAR SYSTEM SIMULATOR PROJECT

>>ENTER

日本語

English

中文

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Riken
Toshiyuki TAKAHEI

Who am I ?

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NEWS

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SUPPORT

BBS

ABOUT US

- Toshiyuki TAKAHEI
- Software Engineer for Visualization
- Universe Live Show
Live Show System, **Solar System Simulator**, etc.
- 4D2U Project
Realize its stereoscopic dome theater system
- Other projects
ReKOS, Mitaka Plus, Uniview, Ladder, and lots more!

Solar System Simulator (Sssim)

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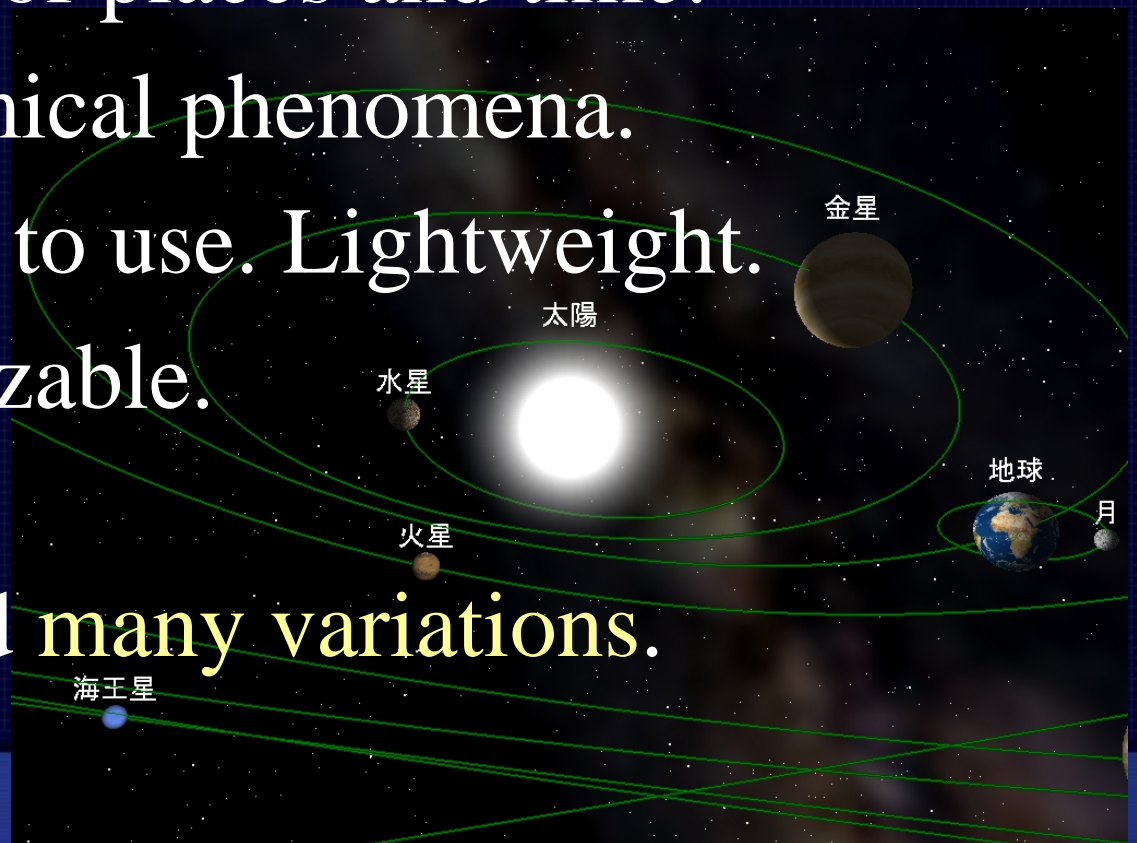
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ABOUT US

- Real-time 3D diagram of the Solar System
- Seamless transition of places and time.
- Interactive astronomical phenomena.
- Intuitive. Very easy to use. Lightweight.
- Scriptable. Customizable.
- Many platforms,
many languages and **many variations.**



Variations of the Solar System Simulator

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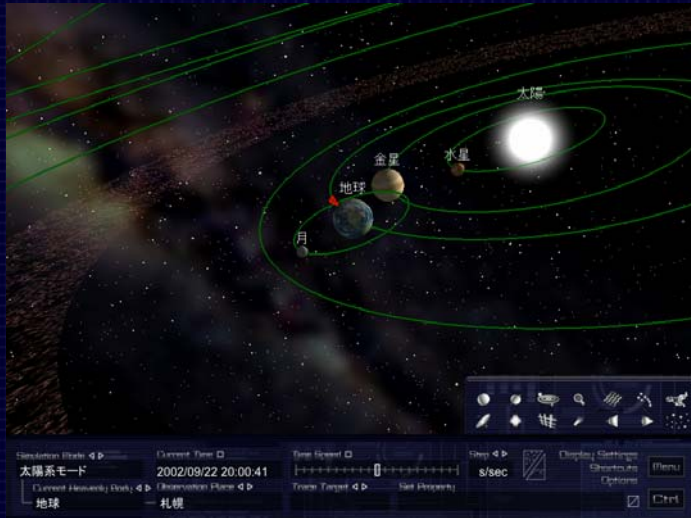
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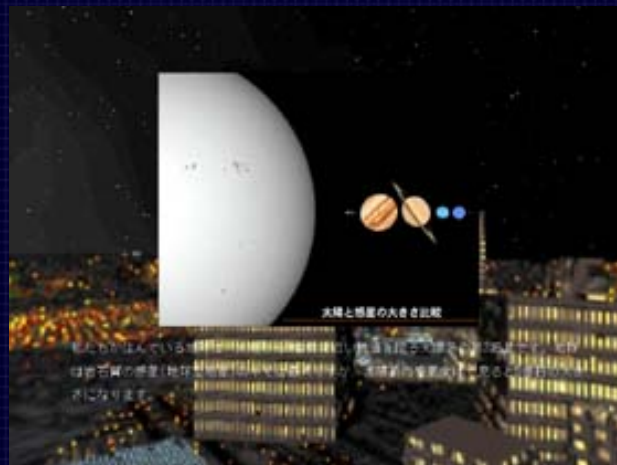
ABOUT US



Integrated in Universe Live Show (SssimPro)



KIOSK in Exhibitions
(SssimExib)



Variations of the Solar System Simulator

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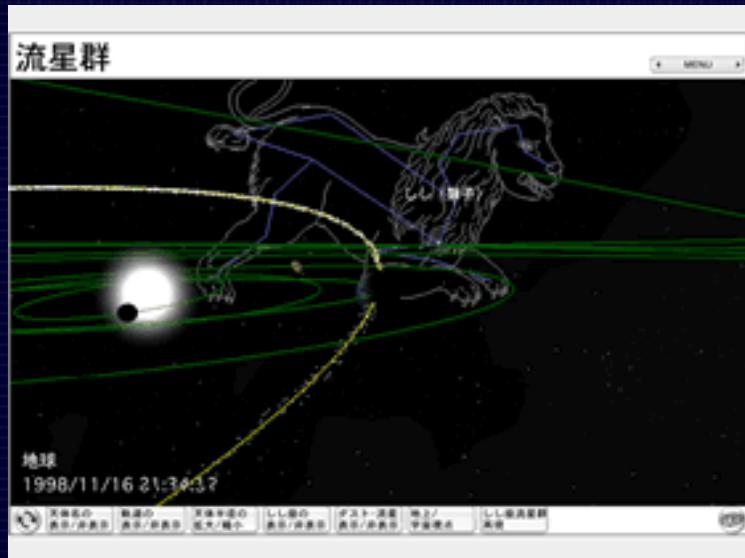
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ABOUT US



Education version
for classrooms
(SssimEdu)



Book with a CD-ROM (SST)

Online version (SssimOnNet)

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-
- 流星群
- MENU
- 地球
- 1998/11/16 21:34:32
- 天幕高の 軌道の 天幕中心の LSI面の Pストークス 地ノ LSI面流星群 表示/非表示 表示/非表示 表示/非表示 表示/非表示 表示/非表示 表示/非表示

Sssim for Advanced Users (SssimStudio)

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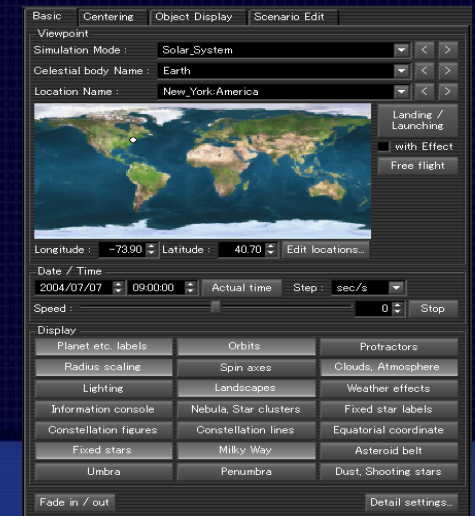
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ABOUT US

- For Advanced Users.
- Dual windows for live show system.
- Full access control panels.
- Script editor included.
- Customizable user interface.



Customizable UI based on Html

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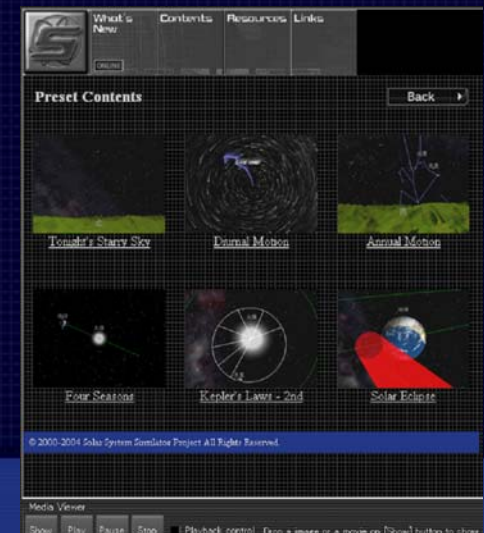
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ABOUT US

- Visual User interface with text, images, movies, Flash, Ajax and more!
- Easy to modify. Fun to create a new UI.
- Upload it and share your know-how online.
- Good for interactive textbook.



Use Sssim Studio to customize Sssim Edu

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ABOUT US

- Create a new preset for SssimEdu by SssimStudio's script editor.
- Mix SssimEdu's usability and SssimStudio's powerful authoring features.
- Create your own stand alone teaching tool.

What's next? Customizable Mitaka

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ABOUT US

- Mitaka, a powerful space viewer from 4D2U
- Now I'm working on its advanced version:
Mitaka Plus
- More usability, more stability,
more customizability.
- Adding the scripting
feature like Sssim.
- beyond the Solar System!



Conslusion

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ABOUT US

- Solar System Simulator, one of my projects.
- SssimEdu for classroom.
- SssimStudio for advanced users.
- Create your own UI with Html and share it!
- Learn its scripting feature for customization.
- Mitaka Plus, scriptable space simulator.