

## Development of Space Simulation/Net-Laboratory System

# Hideyuki Usui[1], Hiroshi Matsumoto[1], Tatsuki Ogino[2], Masaki Fujimoto[3], Yoshiharu Omura[1], Masaki Okada[4], Hiroko, O Ueda[5], Takeshi Murata[6], Yohsuke Kamide[7], Hiroyuki Shinagawa[2], Takashi Tanaka[8], Shigeto Watanabe[9], Shinobu Machida[10], Tohru Hada[11], Tooru Sugiyama[12], Kanako Seki[2], Iku Shinohara[13], Naoki Terada[14]

[1] RASC, Kyoto Univ., [2] STEL, Nagoya Univ., [3] DEPS, TITECH, [4] NIPR, [5] NASDA, [6] Computer Sci, Ehime Univ, [7] STEL, Nagoya Univ, [8] Kyushu University, [9] Earth and Planetary Sci., Hokkaido Univ, [10] Dept. of Geophys., Kyoto Univ., [11] ESST, Kyushu Univ, [12] RASC, Kyoto, [13] ISAS, [14] STE Lab., Nagoya Univ.

A research project for the development of space simulation/net-laboratory system was approved by Japan Science and Technology Corporation (JST) in 2000. This research project is collaboration with an astrophysical simulation group. In this project, we develop a proto type of unique simulation system which enables us to perform simulation runs through WEB-based interface on the internet. We are also developing a on-line database system for space simulation from which we will be able to search and extract various information such as simulation method and program, manuals, and typical simulation results in graphic or ascii format. We will report the overview and the current status of the project.