

Important Dates:

First circular: January 1, 2014

Abstract submission deadline: June 30, 2014

Financial support request deadline: June 30, 2014

Early registration deadline: August 31, 2014

Registration Fees:

Payment received by August 31, 2014

(after August 31, 2014)

Regular 25,000 (35,000) yen

Student 15,000 (25,000) yen

Accompanying Person 5,000 (10,000) yen

Science Organizing Committee (SOC):

O. Amm, E. Donovan, M.-C. Fok, M. Fujimoto, K.-H. Glasmeier,
M. Lessard, M. Lester, R. Nakamura, Y. Omura, M. I. Panasyuk,
A. Runov, O. Santolik, J.-A. Sauvaud, K. Shiokawa (chair),
D. Sibeck, X. Wang

Local Organizing Committee (LOC):

M. Fujimoto, M. Hirahara, T. Hori, A. Ieda, K. Keika, S. Machida,
S. Masuda, Y. Miyashita, Y. Miyoshi, N. Nishitani, S. Nozawa,
Y. Otsuka, S. Oyama, K. Seki, K. Shiokawa (chair), T. Umeda



This pamphlet was distributed at Int'l CAUSES-II Symposium (Nagoya, Japan), 18-22 Nov. 2013.

ICS-12

The 12th International Conference on Substorms

November 10-14, 2014

Ise, Japan

For details about the Conference, see the web site:

<http://www.stelab.nagoya-u.ac.jp/ICS-12/>

*Development of an auroral substorm
(Akasofu, Planet. Space Sci., 1964)*

Conveners:

K. Shiokawa and M. Fujimoto

Over the half century since the first finding of the auroral substorm by Akasofu (1964), auroral and magnetospheric substorm has been one of the main topics for the scientists in space physics. Not only giving the spectacular auroral view, substorm contains various fundamental processes of plasma acceleration and dissipation in the magnetosphere and the ionosphere. Recent satellite missions of THEMIS and Van Allen Probes as well as several modeling efforts are giving more insights into the relationship between the mid-tail plasma sheet and the inner magnetosphere and the relationship between substorms and storms. Extended ground imager, radar, and magnetometer arrays provide more complex dynamical features of the magnetosphere during substorms.

During ICS-12 we are going to highlight the most recent results in substorm research. Topical sessions may cover substorm processes in the tail, interaction between the tail and the inner magnetosphere and ionosphere, substorm currents and its dynamics, and the role of substorm in geospace energetics, as well as the role of MHD and kinetic instabilities in substorms. Other substorm-related researches are also welcomed, such as storm-substorm relationship, ULF/ELF/VLF waves, and non-Earth substorm-like features. Ample opportunity will be given for discussions on the new results.

Prof. Akasofu

Meeting Schedule:

Nov. 10 (Mon), 11 (Tue), and 13 (Thu) morning:

tutorial lectures by

S.-I. Akasofu, V. Angelopoulos, and D. N. Baker

Nov. 12 (Wed) afternoon: excursion

evening: banquet

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Access to Ise:



Venue:

Ise-Shima Royal Hotel, Shima, Japan

<http://www.daiwaresort.jp/en/ise/index.html/>

The conference will be held in Ise-Shima Royal hotel that is located at the height from which beautiful complex coastlines come into your sight.



The area around the venue is in the Ise-Shima National Park on the Shima Peninsula. In the national park, there are numerous historical and interesting places including the Ise Grand Shrine (Ise jingu). Ise Jingu is one of the most sacred Shinto shrine in Japan. Amaterasu Omikami, the ancestral goddess of the Imperial Family, was enshrined 2000 years ago, and has been worshiped by the successive emperors. For more information on the Shrine, please visit <http://www.isejingu.or.jp/english/>.



Weather:

Average temperatures in November in Ise-Shima range from a high of 20 degrees Celsius (68 degrees Fahrenheit) to a low of 5 degrees Celsius (41 degrees Fahrenheit). Weather conditions in November are pleasant but sometimes chilly. Autumn colors are spectacular.