

The Seventh International Research Institute of the Mathematical Society of Japan

– Class Field Theory – its Centenary and Prospect

DATE: ARRIVAL DAY **Tuesday, June 2, 1998**

TALKS BEGIN **Wednesday, June 3, 1998**

TALKS END **Friday, June 12, 1998**

(There will be no talks in the afternoon of Saturday, June 6, and on Sunday, June 7.)

PLACE: Building 55, School of Science and Engineering, Waseda University Okubo, Shinjuku, Tokyo 169, Japan

PROGRAM:

June 3

- 10:10 Opening Address
- 10:20 - 10:50 **Shokichi Iyanaga** (Japan Acad.)
Memories of Professor Teiji TAKAGI
- 11:00 - 12:00 **Günther Frei** (Univ. Laval)
How H. Hasse was led to the Local-Global Principle,
the Reciprocity Laws and Local Class Field Theory.
- 13:30 - 14:20 **Noriyuki Otsubo** (Univ. Tokyo)
Recent Progress on the Finiteness of Torsion Algebraic
Cycles
- 14:30 - 15:20 **Kanetomo Sato** (Tokyo Inst. Tech.)
Finiteness of a certain Motivic Cohomology of Varieties
over Local and Global Fields
- 15:50 - 16:40 **Moulay Chrif Ismaili** (Univ. Oujda)
The Capitulation Problem for Certain Number Fields
- 16:50 - 17:50 **Hiroshi Suzuki** (Nagoya Univ.)
On the Capitulation Problem

June 4

- 11:15 - 12:15 **Peter Stevenhagen** (Univ. Amsterdam)
Generating Class Fields using Shimura Reciprocity
- 13:45 - 14:45 **Takeshi Saito** (Univ. Tokyo)
Modular Forms and p -adic Hodge Theory
- 15:40 - 16:40 **Spencer Bloch** (Univ. Chicago)
Higher Theta Functions
- 16:50 - 17:50 **Kazuya Kato** (Univ. Tokyo)
Log Hodge Structures and Classifying Spaces