

Foundation of Mathematics and History of Mathematics

March 21st (Sat) Conference Room VII

10:00–11:25

- 01-01-0001
1 Shigeru Masuda (Res. Workshop of Classical Fluid Dynamics) The Correspondings as the *Eigenvalue* and the *Eigenfunction/Eigenspace* before Hilbert 15
- 01-01-0002
2 Shigeru Masuda (Res. Workshop of Classical Fluid Dynamics) Poincaré's *Analytic Theory of Propagation of Heat*, following after Provést, Fourier and Poisson 15
- 01-01-0006
3 Michiyo Nakane Osaka University and the establishment of the history of mathematics in Japan 15
- 01-01-0008
4 Michiyo Nakane Foundation and history of mathematics in Japan: From historical view point 10
- 01-99-0002
5 Shotaro Tanaka * Methods of solving Rokuyaku power series and applying them to pyramidal power series 15

11:30–12:00

14:15–16:50

- 01-01-0013
6 Hiroataka Kikyo (Kobe Univ.) Model complete generic graphs I 15
- 01-01-0014
7 Koichiro Ikeda (Hosei Univ.) A generic structure whose theory is not model complete 15
Hiroataka Kikyo (Kobe Univ.)
- 01-01-0016
8 Koichiro Ikeda (Hosei Univ.) Near model completeness of generic structures 15
- 01-01-0017
9 Kota Takeuchi (Univ. of Tsukuba) n -dependent theories 15
- 01-01-0023
10 Munehiro Kobayashi (Univ. of Tsukuba) VC-dimension and PAC-learnability for higher dimensional spaces 15
Takayuki Kuriyama (Grad. Univ. for Adv. Stud.)
Kota Takeuchi (Univ. of Tsukuba)
- 01-01-0007
11 Nobu-Yuki Suzuki (Shizuoka Univ.) A note on weak variants of existence property in intermediate predicate logics 15
- 01-01-0010
12 Takahiro Seki (Niigata Univ.) Halldén-completeness and Sahlqvist formulas 15
- 01-01-0012
13 Yoshihito Tanaka (Kyushu Sangyo Univ.) A simple embedding of bounded semilattices with operators into Boolean algebras with operators 15
- 01-01-0015
14 Katsumi Sasaki (Nanzan Univ.) The exact **K4**-models and the exact **S4**-models in **S4** 15
- 17:00–18:00 **Talk Invited by Section on Foundation and History of Mathematics**
- 01-02-0002
Katsuhiko Sano (JAIST) On coalgebraic modal logic and related topics

March 22nd (Sun) Conference Room VII

9:30–11:40

01-99-0001

15 Takashi Oyabu ^b Of parabolic type, and other 5 talks 5

01-01-0018

16 Taishi Kurahashi The incompleteness theorems for Σ_n definable theories of arithmetic
(Kisarazu Nat. Coll. of Tech.) 15
Makoto Kikuchi (Kobe Univ.)

01-01-0024

17 Makoto Fujiwara (Tohoku Univ.) Uniform and intuitionistic provability in reverse mathematics 15

01-01-0022

18 Kazuyuki Tanaka (Tohoku Univ.) Finitisations of second order principles 15
Florian Pelupessy (Tohoku Univ.)

01-01-0019

19 Kohtaro Tadaki (Chuo Univ.) An operational characterization of the notion of probability by algo-
rithmic randomness 15

01-01-0009

20 Kojiro Higuchi (Chiba Univ.) On a theory of classes 15

01-01-0020

21 Yasumichi Matsuzawa (Shinshu Univ.) Complexity of the Weyl–von Neumann equivalence relation 15

01-01-0011

22 Toshimichi Usuba (Kobe Univ.) Large Lindelöf spaces with points G_δ 15

01-01-0021

23 Hiroshi Sakai (Kobe Univ.) On monadic second order theories of cardinals 10

11:45–12:15**13:15–14:15 Talk Invited by Section on Foundation and History of Mathematics**

01-02-0001

Daisuke Ikegami (Kobe Univ.) Gödel's program, large cardinals, and forcing axioms