

## Tambara Workshop 2009: Holomorphic Mappings and Related Diophantine Approximation.

(2009年玉原研究集会：正則写像と関連するディオファントス近似)

支援：科研基盤 (S)17104001 (代表 野口潤次郎)・東大数理 GCOE.

Dates: 9(Fri) Oct. 2009~12(Mon) Oct. 2009.

(日程：平成21年10月9日(金)~12日(月))

Place: Tambara International Seminar House.

(場所：玉原国際セミナーハウス)

PROGRAM:

### 9(Fri) Oct.

15:00-15:50 A. Kodama (Kanazawa U.): Lecture (I) On a paper by S. Frankel in 1989.

16:05-16:50 T. Matsushima (Ishikawa Nat'l Coll. of Tech.): Bounded holomorphic maps with wild boundary behavior.

17:05-17:50 Y. Kawakami (Kyushu U.): Value distribution of the hyperbolic Gauss map for flat fronts.

18:00-20:00 *DINNER.*

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### 10(Sat) Oct.

07:30-08:30 *BREAKFAST.*

09:30-10:20 H. Tsuji (Sophia U.): Lecture (I) Hyperbolicity of the fine moduli spaces of canonically polarized varieties.

10:35-11:25 P. Corvaja (Udine U.): Recent results on integral points and entire curves on quasi-projective surfaces (joint work with U. Zannier).

11:40-12:25 Y. Aihara (Fukushima U.): Sets of deficient divisors in linear systems.

12:30-13:30 *LUNCH.*

13:30-15:00 *Break.*

15:00-15:50 M. Fujimori (Kanagawa Inst. of Tech.): On algebraic groups attached to systems of linear inequalities over number fields.

16:05-16:55 E. Rousseau (Strasbourg U.): Holomorphic mappings into varieties of general type.

17:10-17:55 T. Shimomura (Keio U.): Modularity gap for Eisenstein series.

18:00-20:00 *DINNER.*

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**11(Sun) Oct.**

*07:30-08:30 BREAKFAST.*

09:30-10:20 A. Kodama (Kanazawa U.): Lecture (II) On a paper by S. Frankel in 1989.

10:35-11:25 J. Winkelmann (Bayreuth U.): Using S.M.T. with truncation: On the existence of entire curves.

11:40-12:25 T. Shinohara (Tokyo Met. Coll. of Tech.): Local dynamical structure of indeterminacy points of rational mappings.

*12:30-13:30 LUNCH.*

*13:30-15:00 Break.*

15:00-15:50 Y. Yasufuku (City U. of New York): Vojta's conjecture on some rational varieties.

16:05-16:55 H. Tsuji (Sophia U.): Lecture (II) An application of Kähler-Einstein metrics to the moduli spaces of canonically polarized varieties.

17:10-17:55 R. Kobayashi (Nagoya U.): LLD for functions on the disk, localization via parabolic translations and algebraic minimal surfaces.

*18:00-20:00 DINNER.*

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**12(Mon) Oct.**

*07:30-08:30 BREAKFAST.*

09:00-09:50 K. Takegoshi (Kansai U.): A generalized maximum principle and its application.

10:00-10:45 Q.D. Si (U. of Tokyo): A second main theorem over function fields.

10:55-11:40 S. Shimizu (Tohoku U.): An intrinsic characterization of the direct product of balls.

11:50-12:35 A. Atsugi (Keio U.): Remarks on  $L^1$ -Liouville theorems for subharmonic functions.

*12:40-13:30 LUNCH.*

*13:40 Leaving.*