Communications in Arithmetic Fundamental Groups

京都大学数理解析研究所の共同研究事業の１つとして、下記のように研究集会を催しますのでご案内申し上げます。

研究代表者: 中村博昭（都立大・理）

記

日時: ２００１年 １０月 ２９日(月)１０：００ ~
– １０月３１日（水）５：００

場所: 京都大学数理解析研究所１階１１５号室
京都市左京区北白川追分町
市バス　農学部前　または　北白川　下車

プログラム (暫定版)

１０月 ２９日（月）

10:00 – 10:10 Opening Words

10:30 – 11:20 Michael Fried (University of California, Irvine)
p-perfect finite groups and their associated modular curve-like towers

11:40 – 12:30 Shinichi Mochizuki (RIMS, Kyoto University)
Anabelian Geometry in the Hodge-Arakelov Theory of Elliptic Curves I

15:00 – 15:50 Helmut Völklein (University of Florida)
Curves with given automorphism group and the corresponding locus of M_g

16:10 – 17:00 Akio Tamagawa (RIMS, Kyoto University)
Fundamental groups of curves in positive characteristic

１０月 ３０日 (火)

10:00 – 10:50 Michael Fried (University of California, Irvine)
Tangential base-points and the cusps associated to Modular tower components

11:10 – 12:00 Shinichi Mochizuki (RIMS, Kyoto University)
Anabelian Geometry in the Hodge-Arakelov Theory of Elliptic Curves II

15:00 – 15:50 Shinichi Mochizuki (RIMS, Kyoto University)
Anabelian Geometry in the Hodge-Arakelov Theory of Elliptic Curves III

16:10 – 17:00 Ludmil Katzarkov (University of California, Irvine)
Schematization of homotopy types

１０月 ３１日 (水)

10:00 – 10:50 Fedor Bogomolov (Courant Inst. of Math. Sci.)
On Galois groups of the function fields

11:10 – 12:00 Makoto Matsumoto (IHS, Kyoto University)
Weighted completion of Galois and mapping class groups

14:00 – 14:50 Michael Fried (University of California, Irvine)
Generalizing Serre's open image theorem to modular towers

15:10 – 15:40 Toru Komatsu (Tokyo Metropolitan University)
TBA

15:50 – 16:20 Darren Semmen (University of California, Irvine)
TBA

16:30 – 17:00 Vilislav Boutchaktchiev (University of California, Irvine)
TBA