

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)

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|---------------|--|
| 10:00 - 10:10 | Opening Words |
| 10:30 - 11:20 | Michael Fried (University of California, Irvine)
<i>p</i> -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