

SCHOOL ON "CHARACTERISTIC p METHODS IN ALGEBRAIC GEOMETRY"

Organizing Institutions:

- Institute of Mathematics "Simion Stoilow" of the Romanian Academy(IMAR)
- Romanian Mathematical Society(RMS)

Period: July 13-19, 2007 (13th is the arrival day)

Place: Drobeta Turnu Severin, Romania

Main organizers:

- Dr. Ovidiu Pasarescu(IMAR)
- Dr. George Cainiceanu(RSM, Mehedinti branch)

Main Speakers:

- Prof. Dr. Gerard van der Geer (University of Amsterdam, Holland)
- Prof. Dr. Toshiyuki Katsura (University of Tokyo, Japan)
- Prof. Dr. Kei-Ichi Watanabe (Nihon University, Tokyo, Japan)

Topics:

1. Stratification on Moduli in Positive Characteristic (G. van der Geer)
2. On the Unirationality of Fermat Varieties (T. Katsura)
3. Methods of Characteristic $p > 0$ in Singularity Theory (K.I. Watanabe)
4. a) Introduction to Coding Theory (T. Katsura)
b) On the distribution of Linear Codes (T. Katsura)

Acknowledgments:

The dates of the School were chosen to be closed to the dates of the 6-th Congress of the Romanian Mathematicians (see www.imar.ro at "Conferences"). This event offered us the possibility to have among the participants Romanian algebraic geometers from abroad, relating in this way the mathematical events from June and July organized in Romania.

Schedule:

JULY 14

09.00am - 11.00am: short visit of the town of Drobeta Turnu Severin
11.00am - 12.00pm: Opening ceremonies
03.30pm - 05.00pm: G. van der Geer (I)
05.30pm - 06.30pm: Research Session

JULY 15

09.00am - 10.30am: T. Katsura (I)
11.00am - 12.30pm: K.I. Watanabe (I)
03.30am - 05.00pm: G. van der Geer (II)
05.30pm - 06.30pm: Research Session

JULY 16

09.00am - 10.30am: T. Katsura (II)
11.00am - 12.30pm: K.I. Watanabe (II)
03.30pm - 05.00pm: G. van der Geer (III)
05.30pm - 06.30pm: Research Session

JULY 17

Excursion

JULY 18

09.00am - 10.30am: T. Katsura (III)
11.00am - 12.30am: K.I. Watanabe (III)
03.30pm - 05.00pm: G. van der Geer (IV)
05.30pm - 06.30am: Research Session
07.00pm - 10.00pm: Folkloric dinner

JULY 19

09.00am - 10.30am: T. Katsura (IV)
11.00am - 12.30pm: K.I. Watanabe (IV)