



istanbul matematiksel bilimler merkezi
istanbul center for mathematical sciences

ALGEBRA WORKSHOP II

in honour of Prof. Dr. Cemal KOÇ

July 3, 2010

09:00- 09:45 İsmail Gülođlu (Dođuş University)

Through the mathematical work of Cemal Koç

09:50- 10:35 Nikolai Vavilov (Saint-Petersburg State University)

New results on subgroups of classical groups

11:00- 11:45 Ali Nesin (İstanbul Bilgi University)

Suzuki 2-groups

14:00- 14:45 Alev Topuzođlu (Sabancı University)

On the permutation polynomials of finite fields

14:50- 15:35 Ayşe Berkman (Middle East Technical University)

Curtis-Tits type theorems

16:00- 16:20 Gülin Ercan (Middle East Technical University)

On some special coprime actions

16:25- 16:45 Kıvanç Ersoy (Mimar Sinan Fine Arts University)

Infinite groups with anticeutral elements

Place: IMBM Seminar Room, Bođaziçi University



istanbul matematiksel bilimler merkezi
istanbul center for mathematical sciences

ALGEBRA WORKSHOP II

in honour of Prof. Dr. Cemal KOÇ

July 4, 2010

10:00- 10:45 Hürşit Önsiper (Middle East Technical University)

On solving polynomial equations

10:50- 11:35 Sinan Sertöz (Bilkent University)

Lines on algebraic surfaces

12:00- 12:45 Feza Arslan (Mimar Sinan Fine Arts University)

A fast algorithm for computing the Arf closure

14:30- 15:15 İlhan İkedä (Yeditepe University)

On some problems in non-abelian local class field theory

15:20- 16:05 Ergün Yalçın (Bilkent University)

Cohomology of Bockstein closed quadratic maps

16:30- 16:50 Tamer Koşan (Gebze Institute of Technology)

Derivations and right ideals of algebras

16:55- 17:15 Serhan Tuncer (University of Alberta)

Representability of algebraic Chow groups of complex projective complete intersections

18:00- 20:00 Memorial session about Prof. Dr. Cemal Koç

Mehpare Bilhan

20:00- 22:00 Conference Dinner

**Place: Mimar Sinan Güzel Sanatlar Üniversitesi Fındıklı Yerleşkesi
Mimarlık Fakültesi Video-Konferans Salonu**



istanbul matematiksel bilimler merkezi
istanbul center for mathematical sciences

ALGEBRA WORKSHOP II

in honour of Prof. Dr. Cemal KOÇ

July 5, 2010

9:15- 10:00 Murad Özeydin (University of Oklahoma)

q

10:05- 10:50 K.M. Rangaswamy (University of Colorado at Colorado Springs)

The theory of Leavitt path algebras over arbitrary graphs

11:15- 12:00 Selçuk Demir (İstanbul Bilgi University)

Representation theory of automorphism groups of regular trees

14:00- 14:45 Feride Kuzucuoğlu (Hacettepe University)

Jordan automorphisms of some matrix rings and algebras

14:50- 15:10 Semra Kaptanoğlu (Middle East Technical University)

p-Power points and modules of constant p-power Jordan type

15:40- 16:00 Arzu Boysal (Boğaziçi University)

Fusion rings and applications to geometry

Place: IMBM Seminar Room, Boğaziçi University

This workshop is sponsored by TÜBİTAK, Boğaziçi University, Doğuş University, and Mimar Sinan Fine Arts University.