



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**



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## 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 İkedâ (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**



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## ALGEBRA WORKSHOP II

*in honour of Prof. Dr. Cemal KOÇ*

**July 5, 2010**

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

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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.