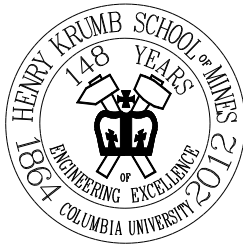


MIM CONFERENCE 2012

October 20, 2012
8:30AM – 4:30PM

Columbia University, School of Engineering
& Applied Science
Davis Auditorium, Shapiro Center
530 W 120th Street
New York, NY 10027



The Turkish-American Architects, Engineers and Scientists Society (MIM), in conjunction with the Columbia University Earth and Environmental Engineering Department (EAEE) cordially invites you to participate in MIM Conference – 2012 in New York City.

This conference brings together a group of prominent Turkish-American scientists to share with the audience their most recent research findings and contributions to their respective fields. The attendance to MIM CONFERENCE – 2012 is open to the public and free of charge.

8:30-9:00: Registration

9:00-9:10: Welcoming Remarks, **Ali Koçak** Ph.D,
President of MIM

9:30-10:00: **Aziz Sancar**, MD, Ph.D,
Distinguished Professor of Biochemistry and
Biophysics, UNC School of Medicine.
**CONTROL OF DNA REPAIR AND CANCER
BY THE CIRCADIAN CLOCK**

10:00-10:30: **Banu Onaral**, Ph.D,
Professor and Director of Bioengineering, Drexel
University.
**FUNCTIONAL OPTICAL BRAIN
MONITORING SYSTEM: FNIR**

10:30-11:00: COFFEE BREAK

11:00-11:30: **Ebru Oral**, Ph.D.
Harvard Medical School
**CROSS-LINKED POLYETHYLENE IN
JOINT IMPLANTS: FROM LABORATORY
TO THE CLINIC**

11:30-12:00: **Deger C.Tunç**, Ph.D.
Researcher, Senior Manager at Johnson and
Johnson, Pfizer and Stryker Corporations (retired).
**CONTROLLED ANESTHETIC RELEASING
IMPLANT**

12:00-1:30: LUNCH BREAK

1:30-2:00: **Utkan Demirci**, Ph.D,
Asstnt Professor of Medicine and Health Sciences
& Technology Harvard Medical School.
**INTELLIGENT MEDICAL LAB-CHIP
DEVICES AND THEIR IMPACT ON HUMAN
HEALTH**

2:00-2:30: **Mehmet Toner**, Ph.D.
Helen Andrus Benedict Professor of
Bioengineering
Massachusetts General Hospital, Harvard
Medical School Harvard-MIT Division of
Health Sciences & Technology
**BIOENGINEERING AND CLINICAL
APPLICATIONS OF CIRCULATING
TUMOR CELL (CTC) CHIP**

2:30-3:00: **Haydar Erdogan**, Ph.D.
NJ Department of Environmental Protection.
**VAPOR INTRUSION – IMPACT OF
TETRACHLOROETHENE AND
TRICHLOROETHENE ON HUMAN
HEALTH**

3:00-3:30: COFFEE BREAK

3:30-4:00: **Ebru Gencer**, Ph.D.
Columbia University
**NATURAL DISASTERS,
VULNERABILITY AND SUSTAINABLE
DEVELOPMENT: AN OVERVIEW OF
THE RELATION**

4:00-4:30: **Ali N. Akansu**, Ph.D.,
Professor of Electrical & Computer Engineering
NJIT.
**GENERALIZED DISCRETE FOURIER
TRANSFORM WITH NONLINEAR
PHASE**

4:30-6:00: RECEPTION

MIM CONFERENCE 2012

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