



# TURCMOS 2013

International Turkish Congress  
on Molecular Spectroscopy

September 15-20, 2013 / Istanbul / Turkey  
Harbiye Cultural Center & Museum

2<sup>nd</sup> Announcement

[www.turcmos2013.org](http://www.turcmos2013.org)

# INVITATION

Dear colleagues,

We cordially invite you to attend the International Turkish Congress on Molecular Spectroscopy (TURCMOS 2013), which will be held at the Harbiye Cultural Center & Museum, Istanbul, TURKEY, September 15-20, 2013.

The scope of the congress is to encourage the exchange of ideas and future collaborations all around the world, introduce new techniques and instruments, and present recent developments in this field of research. In the congress, all aspects of spectroscopic methods as well as related computational and theoretical approaches will be considered. Contacts between young researchers (M.Sc. and Ph.D.) and prominent experts will be particularly stimulated, aiming at the development of future collaborations.

We are sure that the congress will provide a stimulating environment for many interesting scientific discussions.

We are looking forward to hosting you in Istanbul!...

The congress will include the scientific topics below:

1. Vibrational (IR and Raman) and Electronic Spectroscopies
2. Electron Spin Resonance (ESR) Spectroscopy
3. Mössbauer Spectroscopy
4. Fluorescence Spectroscopy
5. Microspectroscopy and Imaging
6. Surface Enhanced Raman Spectroscopy (SERS)
7. Microwave Spectroscopy
8. Terahertz Spectroscopy
9. Applied Spectroscopies (Archaeology, Geology, Astrophysics, Mineralogy, Arts & History, Environmental Analysis, Food Analysis and Processing, Applications on Biology, Forensic Sciences)
10. Matrix Isolation Infrared Spectroscopy and Low Temperature Spectroscopy
11. Theoretical and Computational Methods
12. Analytical Methods and New Instrumentation
13. Spectroscopy in Drug Design and Drug Discovery
14. New Materials (Nanostructured and Supramolecular Systems, Molecular Electronics and Optoelectronics, Magnetic Materials)

## Contacts:

1) Dr. Ozan UNSALAN (*President of TURCMOS 2013*)

unsalan@istanbul.edu.tr

2) Asst. Prof. Dr. Gulce OGRUC ILDIZ (*Vice President of TURCMOS 2013*)

g.ogruc@iku.edu.tr

3) Aydan Aydın (*BROS Congress-Organization Secretariat*)

aydan.aydin@brosgroup.net

# COMMITTEES

## Organizing Committee:

Ozan ÜNSALAN

*(İstanbul University, TURKEY), President*

Gülce ÖĞRÜÇ İLDİZ

*(İstanbul Kültür University, TURKEY), Vice President*

Metin ORBAY *(Amasya University, TURKEY)*

Sevgi H. BAYARI *(Hacettepe University, TURKEY)*

Semiha BAHÇELİ *(Süleyman Demirel University, TURKEY)*

Mustafa BÖYÜKATA *(Bozok University, TURKEY)*

Ömer DERELİ *(Selçuk University, TURKEY)*

Ayberk YILMAZ *(İstanbul University, TURKEY)*

Olcay BÖLÜKBAŞI *(İstanbul University, TURKEY)*

Yusuf ERDOĞDU *(Ahi Evran University, TURKEY)*

Erol EROĞLU *(Akdeniz University, TURKEY)*

Nihal KUŞ *(Anadolu University, TURKEY)*

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Hasan H. ESENOĞLU *(İstanbul University, TURKEY)*

Özgecan ÖNAL *(İstanbul University, TURKEY)*

Sinan ALIŞ *(İstanbul University, Turkey)*

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Şehin ÖZBALAK *(İstanbul University, TURKEY)*

Mercan ASLAN *(İstanbul University, TURKEY)*

Esra BÜLÜN *(İstanbul University, TURKEY)*

Kinga MADÍ *(Budapest University of Technology and Economics, HUNGARY)*

Simge UZUN *(İstanbul University, TURKEY)*

# COMMITTEES

## Scientific Committee:

### Chairpersons\*:

Rui FAUSTO (*Coimbra University, PORTUGAL*) and Sevgi H. BAYARI (*Hacettepe University, TURKEY*)

Jose Luis ALONSO (*Valladolid University, SPAIN*)

Semiha BAHÇELİ (*Süleyman Demirel University, TURKEY*)

Ferenc BILLES (*Budapest University of Technology and Economics, HUNGARY*)

Robin J.H. CLARK (*CNZM FRS-University College, UK*)

Philippe COLOMBAN (*LADIR CNRS/Université Pierre et Marie Curie, FRANCE*)

James DURIG (*University of Missouri-Kansas City, USA*)

Géza FOGARASI (*Lorand EÖTVÖS University, HUNGARY*)

Hinrich GROTHE (*Vienna University of Technology, AUSTRIA*)

Hiro-o HAMAGUCHI (*College of Science, National Chiao Tung University, TAIWAN*)

Nadide KAZANCI (*Ege University, TURKEY*)

Wolfgang KIEFER (*University of Würzburg, GERMANY*)

Jan LAANE (*Texas A&M University, USA*)

John P. MAIER (*Basel University, SWITZERLAND*)

Michael OSHTRAKH (*Ural Federal University, RUSSIAN FEDERATION*)

Juergen POPP (*Institute of Photonic Technology, GERMANY*)

Peter PULAY (*Texas Austin University, USA*)

Igor REVA (*Coimbra University, PORTUGAL*)

Wolfram SANDER (*Ruhr Universität Bochum, GERMANY*)

Feride SEVERCAN (*Middle East Technical University, TURKEY*)

Giulietta SMULEVIC (*University of Florence, ITALY*)

Maral SÜNNETÇİOĞLU (*Hacettepe University, TURKEY*)

György TARCZAY (*Eötvös University, HUNGARY*)

Süheyla ÖZBEY (*Hacettepe University, TURKEY*)

(\*Names are in alphabetical order)

# INVITED SPEAKERS

Walter KOHN (*NOBEL-1998, CHEMISTRY*) (*Honorary guest*)

Peter PULAY (*Texas Austin University, USA*) (*Honorary guest*)

Rui FAUSTO (*Coimbra University, PORTUGAL*)

James DURIG (*University of Missouri-Kansas City, USA*)

Evert Jan BAERENDS (*Amsterdam University, HOLLAND*)

Michael OSHTRAKH (*Ural Federal University, RUSSIAN FEDERATION*)

Juergen POPP (*Institute of Photonic Technology, GERMANY*)

Wolfgang KIEFER (*University of Würzburg, GERMANY*)

Maral SÜNNETÇİOĞLU (*Hacettepe University, TURKEY*)

Feride SEVERCAN (*Middle East Technical University, TURKEY*)

## **Titles of the invited lectures:**

- Walter KOHN - Density Functional Theory in Molecular Spectroscopy
- Peter PULAY - (The conformation of 5-halo-uracils in aqueous solutions: a combined experimental-computational study),
- Wolfgang KIEFER - (Coherent Four-Wave Mixing Spectroscopies Involving Raman Processes: A Review on Methods and Applications)
- James DURIG - (Conformational stability determinations by Raman and infrared spectra from variable temperature studies off rare gas solutions)
- Evert Jan BAERENDS - (Molecular response properties with time-dependent density Matrix Functional Theory)
- Juergen POPP - (Raman-based approaches for biomedical diagnosis)
- Michael OSHTRAKH - (Applications of Mössbauer Spectroscopy with a High Velocity Resolution)
- Rui FAUSTO - (Strategies for Conformational Selection in Cryogenic Inert Matrices: Case Studies)
- Feride SEVERCAN - (Infrared spectroscopy and imaging in diagnosis and screening)

# SCIENTIFIC PROGRAM

September 16, Monday		September 17, Tuesday		September 18, Wednesday		September 19, Thursday		September 20, Friday	
9:00 9:30	OPENING CEREMONY	9:00 9:50	PL3	9:00 9:50	PL5	9:00 9:50	PL7	9:00 9:20	O24
9:30 10:20	PL1	9:50 10:40	PL4	9:50 10:40	PL6	9:50 10:40	PL8	9:20 9:40	O25
10:20 11:10	PL2	10:40 11:00	CB	10:40 11:00	CB	10:40 11:00	CB	9:40 10:00	O26
11:10 12:00	CB	11:00 11:30	O9	11:00 11:30	LUNCH BOX	11:00 11:30	O15	10:00 10:20	O27
12:00 13:30	LB	11:30 12:00	O10	EXCURSION		11:30 12:00	O16	10:20 10:40	CB
13:30 14:20	PL9	12:00 13:30	LB			12:00 13:30	LB	10:40 11:00	O28
14:20 14:40	O1	13:30 14:20	PL10			13:30 13:50	O17	11:00 11:20	O29
14:40 15:00	O2	14:20 14:40	O11			13:50 14:10	O18	11:20 11:40	O30
15:00 15:20	CB	14:40 15:00	O12			14:10 14:30	O19	CLOSING CEREMONY	
15:40 16:00	O5	15:00 15:20	CB			14:30 14:50	O20		
16:00 16:20	O6	15:20 15:40	O13			14:50 15:10	O21		
16:20 16:40	O7	15:40 16:00	O14			15:10 15:30	CB		
16:40 17:00	O8	16:00 18:00	POSTER SESSION 1			15:30 15:50	O22		
17:00 19:00	COCKTAIL (WELCOME PARTY)					15:50 16:10	O23		
		PL: Plenary Lecture		16:10	POSTER SESSION 2				
		O: Oral Presentation		18:00					
		CB: Coffee Break		19:00	CONFERENCE DINNER				
		LB: Lunch Break		21:00					

# CONGRESS SITE

## Harbiye Cultural Center & Museum



The Military Museum (Askeri Müzesi) at Harbiye, 1 km (just over a half mile) north of Taksim Square, chronicles mostly the Ottoman period when the Sultan's troops threatened to conquer eastern Europe, the entire Middle East, and North Africa.

It's open from 9 pm to 17 pm, closed Monday and Tuesday.

Don't ignore this museum just because you're no military buff. It holds striking historical treasures such as the chain which the Byzantines stretched across the mouth of the Golden Horn to keep out the Sultan's navy in 1453.

The Sultan's sumptuous sayeban or "pavilion," encrusted with a fortune in jewels, is an open-sided "tent" in which he sat to receive foreign emissaries.

The Military Museum is also where you can hear the Mehter, the world's oldest military band, play each afternoon (the 20-minute concerts begin at 3 and at 4 pm).

The Turkish nation has a long and distinguished military tradition dating from the time when they were palace guards for the great Arab caliphs.

The Ottomans were the first to bring musicians on campaign and to integrate music into the life and work of the army. After a town had been conquered, the Mehter preceded the conquering Ottoman commander on a procession through the town, playing slow-cadence marches in exotic minor modes.

The boom of kettledrums (invented by the Mehter), the wail of oboes and clash of cymbals (another Turkish invention) was meant to glorify the conquest and impress upon the populace that they were now part of an entirely different civilization.

Istanbul's Harbiye district was the site of the Ottoman imperial military academy, the empire's "West Point" or "Sandhurst," and is still an important military reserve, with an officer's club and other facilities.

Kemal Atatürk, founder of the Turkish Republic, is Harbiye's most illustrious alumnus.



# REGISTRATION

## Registration Fees:

Fees	Before 31 June 2013	After 31 June 2013
Regular participants	250 €*	300 €*
Students	175 €*	200 €*
Accompanying persons	50 €*	75 €

*\*Please note that the congress dinner is optional, at an additional cost of 50 € and restricted to participants who have signed in for this event.*

## Refund policy

Partial refund will be possible after approval from TUBITAK (The Scientific and Technological Research Council of Turkey)

After July 15th, if you will not be able to attend the Congress, you can send one of your colleagues instead of you (upon communication to the Secretary).

## Payment details

All fees should be paid in advance in EUR.

After the payment of the registration fee, please send a scanned copy of the bank transfer receipt (or any other kind of digital receipt) to the congress secretariat.

## Bank transfer

Bank transfer must be paid to Congress Office/TURCMOS2013. All charges must be covered.

## Account details

For foreign participants

EURO IBAN: TR47 0020 8000 2203 0283 200003

For Turkish participants

TL IBAN: TR04 0020 8000 2203 0283 200001

## On-site registration and Information desk

The registration desk will be open on Sunday 15th of September from 08:00 to 16:00 and during the congress from 08:00 to 17:00.

## Official invitation

An official letter of invitation to attend the TURCMOS 2013 will be sent upon request to those participants with an accepted abstract, requiring it for visa application or other purposes. Please note that such an invitation letter does not imply any obligation, financial or otherwise, by TURCMOS 2013.

## Certificate of attendance

A certificate of attendance can be collected at the registration desk.

## Internet connections

All the participants in TURCMOS 2013 will have:

- 1: wireless internet access in the main halls and congress rooms
- 2: wired internet access from a computer network near the Congress rooms.



# ACCOMMODATION

## ACCOMMODATION

### Hotels

Hotel Name	Single	Double
CVK Hotel	130	150
Cartoon Hotel	130	140
Golden Age Hotel	105	110
Grand Star Hotel	100	
Feronya Hotel	100	110
Konak Hotel	150	
Lady Diana	100	110

You can find more information about hotels on [www.turcmos2013.org](http://www.turcmos2013.org)

### Payment details

All fees should be paid in advance in EUR.

After the payment of the accommodation fee, please send a scanned copy of the bank transfer receipt (or any other kind of digital receipt) to the congress secretariat at:

#### BROS CONGRESS

Aydan Aydın / [aydan.aydin@brosgroup.net](mailto:aydan.aydin@brosgroup.net)

Cumhuriyet Mah. Halaskargazi Cad. Tavukçu Fethi Sok. Köşe Palas Apt. No:28/3

Osmanbey - Şişli - İstanbul

Tel: +90 (212) 296 66 70 -123

Fax: +90 (212) 296 66 71

## IMPORTANT DATES

Abstract Submission Deadline:  
31 MAY 2013

Early Bird Registration Deadline:  
31 JUNE 2013

### CONTACT INFORMATION

Dr. Ozan ÜNSALAN  
(*Istanbul University, TURKEY*), *President*  
unsalan@istanbul.edu.tr

Asst. Prof. Dr. Gülce ÖĞRÜÇ İLDİZ  
(*Istanbul Kültür University, TURKEY*), *Vice President*  
g.ogruc@iku.edu.tr

### Organization Secretariat

BROS CONGRESS



Aydan Aydın / aydan.aydin@brosgroup.net

Cumhuriyet Mah. Halaskargazi Cad. Tavukçu Fethi Sok. Köşe Palas Apt. No:28/3

Osmanbey - Şişli - İstanbul

Tel: +90 (212) 296 66 70 -123

Fax: +90 (212) 296 66 71