



T.C.  
YÜKSEKÖĞRETİM KURULU BAŞKANLIĞI

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Konu : Uluslararası Kristalografi Yılı  
Etkinlikleri

Yükseköğretim Kurulu-(Giden No)  
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**KARAMANOĞLU MEHMETBEY ÜNİVERSİTESİ REKTÖRLÜĞÜNE**

İlgi: Dışişleri Bakanlığının 22/10/2013 tarih ve 46373548-0.0-2013/1013962 sayılı yazısı.

Dışişleri Bakanlığında alınan ilgi de kayıtlı yazıda, 20-21 Ocak 2014 tarihlerinde UNESCO evinde gerçekleştirilecek olan “Uluslararası Kristalografi Yılı” açılış törenlerine üye ülkelerin davet edildiği belirtilmekte olup, kristalografisinin doğal bilimler, mühendislik, kimya, fizik ile tarım ve madencilik gibi alanlarda, canlı ve cansız cisimleri atom ve moleküler düzeyde inceleyen bir bilim dalı olarak, 2015 sonrası kalkınma gündeminin önemli konu başlıklarını oluşturan “gıda güvenliği”, “temiz suya erişim”, “sağlık”, “yenilebilir enerji” ve “çevrenin korunması” için yapılan çalışmalara önemli katkılarda bulunduğu vurgulanmakta ve Uluslararası Kristalografi Yılı etkinlikleri çerçevesinde, belli üniversitelerde veya araştırma merkezlerinde, deney ve çalıştaylar yoluyla öğrencilerin eğitimini hedefleyen “açık laboratuvarlar” şeklinde eğitim programları yapılacağı belirtilerek üye ülkelerin sözkonusu etkinliklere katkı yapmaları çağrısında bulunmaktadır.

Sözkonusu etkinlik ile ilgili ayrıntılı bilgiler ekte sunulmaktadır. Konunun üniversitenizin ilgili birimlerinde duyurulması hususunda gereğini rica ederim.

  
Prof. Dr. Gökhan ÇETİNSAYA  
Başkan

Ek: 2

Dağıtım:  
-Tüm Üniversite Rektörlüklerine



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The Director-General

To all Permanent Delegates and  
Observers to UNESCO

19 SEP 2013

Ref.: DG/2/13/5759

Sir/Madam,

It is my pleasure to invite you to participate in the Opening Ceremony and activities that will launch the International Year of Crystallography (IYCr2014). These events will be held at UNESCO Headquarters on 20 and 21 January 2014.

As you know, at its 66<sup>th</sup> session, the United Nations General Assembly (UNGA) proclaimed 2014 as the International Year of Crystallography (IYCr2014) and requested that UNESCO lead and coordinate the planning and implementation of this celebration together with the International Union of Crystallography (IUCr).

The events during the year will aim to celebrate crystallography as one of the disciplines that has changed the world, from the description of the crystal structure of DNA through the work of Rosalind Franklin, James Watson and Francis Crick and the discovery of quasicrystals by Dan Shechtman revolutionizing materials science, to the elucidation by Dorothy Hodgkin of the structure of biological molecules such as cholesterol, penicillin and insulin in the mid-1900s. The Year will provide a unique opportunity to increase the understanding of the general public and of decision-makers on the role of crystallography as a discipline of science that is crucial for modern advances in the life sciences, chemistry and physics, and as a factor that will contribute significantly to addressing the post-2015 development agenda issues related to food security, safe drinking water, health care, renewable energy, greening the chemical industry and environmental remediation.

As the science that studies the structure of matter at the atomic and molecular level by considering the symmetries of crystalline and quasicrystalline patterns, crystallography and its applications are essential in industries such as mining. It is important, therefore, to train scientists, especially those in developing countries and in Africa, in these uses and techniques in order that they may contribute to the scientific and economic development of their countries.

Three major activities envisaged during the IYCr2014 are the launch event at UNESCO Headquarters on 20 and 21 January 2014; Open Laboratories for advanced training in crystallography for talented students from developing

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countries worldwide; and, Regional Summit Meetings for scientists and policy-makers (in Africa, Asia and Latin America), to discuss the future of crystallography in an interdisciplinary context, its connection to technological advancement and its role in sustainable development. UNESCO would welcome the support of Member States for these activities, which will help to promote crystallography internationally. Furthermore, the assistance of your Delegation in the promotion of these events, and in encouraging the participation of your nationals therein, would be invaluable in ensuring the success of the Year.

The Open Laboratories, set up in collaboration with diffractometer manufacturers, will be hosted by selected universities and will provide poster displays, exhibitions, lectures for students, teacher training workshops, hands-on experiments and demonstrations of diffractometers. This will contribute to broadening the base of crystallography expertise for developing countries, especially in Africa.

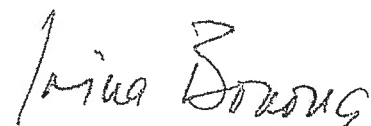
The Regional Summit Meetings also are key events of the IYCr2014 and will occur in:

- Africa: Bloemfontein (South Africa) from 15 to 17 October 2014. There also will be a preliminary workshop from 12 to 15 October 2014, which will aim to improve cooperation between French and English-speaking African countries.
- Asia: Karachi (Pakistan) from 28 to 30 April 2014. Countries currently involved in the organization include Pakistan, China and India.
- Latin America: Campinas (Brazil) in September 2014. All countries from Latin America and the Caribbean are encouraged to participate.

The Organization encourages Member States to take advantage of these unique opportunities to build their capacities in crystallography. If your country is interested in hosting an Open Laboratory or another one of the events referred to above, I invite you kindly to contact Mr Maciej Nalecz, Executive Secretary of the International Basic Sciences Programme of UNESCO (tel: +33 1 45 68 39 30; e-mail: m.nalecz@unesco.org), or the Programme Committee for the International Year, who can be reached at iycr2014@unesco.org, for practical arrangements in this regard.

IYCr2014 is an excellent opportunity to promote a little-known discipline that has wide-reaching benefits for society worldwide. The Year's activities will create a new generation of crystallographers who will continue to shape the sustainable development of their regions. We hope that you will support this initiative through its promotion and, most importantly, through your country's involvement.

In anticipation of your positive response, I ask that you please accept, Sir/Madam, the assurances of my highest consideration.



Irina Bokova