

NANO-TR-VI

6th Nanoscience and

Nanotechnology Conference

15 - 18 June 2010



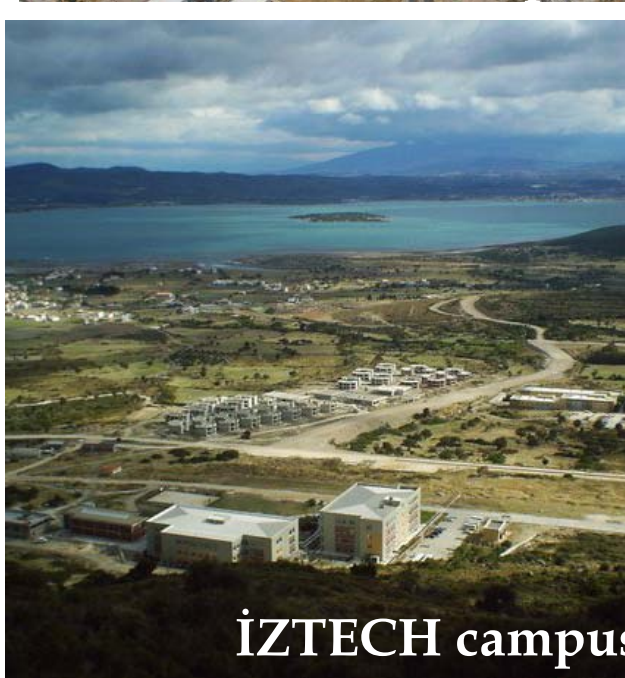
<http://nanotr6.iyte.edu.tr/english/index-eng.html>

Call for Submissions

in IZTECH, İzmir Turkey



IZTECH campus



IZTECH campus



IZTECH Teknopark



IZTECH Dormitory



IZTECH Library



The 6th Nanoscience and Nanotechnology Conference (**Nano-TR VI**) will be held in the campus of İzmir Institute of Technology (**IZTECH**) on June 15-18, 2010 in İzmir, Turkey. Over one thousand people working in the field for universities and industry are expected to attend.

The aim of **Nano-TR VI** is to bring scientists, students and engineers together from different disciplines such as physics, chemistry, biology, materials science, engineering (electronic, textile, environment, mechanical), pharmacy and medicine to discuss the recent developments and to provide new openings creating a synergy in the field of nanoscience and nanotechnology. The conference will cover the following themes:

Symposium Themes

- A** : Nanomaterials including nanoparticles, Nanocavities, Nanocrystals, Nano-porous materials
- B** : Nanotubes, nanowires, nanofilms
- C** : Nanomembranes, nanostructures with catalytic properties, electrochemical materials
- D** : Nanobiotechnology, nanomedicine, nanobionics, nanotoxicology, biosensors, drug targeting and release
- E** : Nanoelectronics, spintronics, nano-magnetics, quantum computing, qubits
- F** : Molecular and organic materials, organic electronics: OLEDs, OTFTs
- G** : Nano-optics, nano-optoelectronics, nano-photonics
- H** : Nano-fabrication, nano-lithography, nano-manipulation
- I** : Nanoscale characterisation, nano-imaging, nanoscopy, nano-metrology
- J** : Nems, mems, nano-fluidics, nano-actuators, nano-sensors, nano-robotics
- K** : Nanomechanics, nanotribology, nanocomposites
- L** : Nanotechnology for energy (fuel cell, solar cell, hydrogen storage)
- M** : Nanotechnology in textile, agriculture and food science
- N** : Social, economical and environmental effects, safety, ethical issues

Important dates

Abstract submission / Online registration
January 1, 2010

Abstract submission deadline:

March 15, 2010

Early-bird registration deadline :

May 1, 2010

Participant : 200 dolars **Student** : 100 dolars

Conference : June 15 -18, 2010

Publication

Selected extended abstracts will be published in a Nanotr6 proceeding book and will be distributed to the participants during the Conference. 125 manuscripts with 4 page long selected for oral presentations will be published as "Online Proceedings of the 6th International Conference on Nanoscience and Nanotechnology (NanoTR6) " from AIP (<http://proceedings.aip.org/proceedings/confproceed/878.jsp>) Also optional 20 peer-reviewed publications will be published in the Turkish Journal of Chemistry (in the list of Web of Science).

Contact us

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Invited Speakers

Metin Akay [Arizona State University](#)
Esen Ercan Alp [Argonne National Lab](#)
Dave H.A. Blank [University of Twente](#)
Tahir Çağın [Texas A&M University](#)
Mostafa A. El-Sayed [Georgia Institute of Technology](#)
Jürgen Fassbender [Institute of Ion Beam Physics and Materials Research](#)
Stanislav Gorb [Evolutionary Biomaterials Group Max-Planck-Institute for Metals Research](#)
Michael Graetzel [Ecole Polytechnique de Lausanne](#)
Kazuo Kadowaki [University of Tsukuba](#)
Nazario Martin [Universidad Complutense de Madrid](#)
Paul Müller [Universität Erlangen](#)
Seizo Morita [Osaka University](#)
Nieves Casañ Pastor [The Institute of "Ciencia de Materiales de Barcelona" \(ICMAB\)](#)
Adarsh Sandhu [Tokyo Institute of Technology](#)
Serdar Sarıçiftçi [Linz Institute for Organic Solar Cells \(LIOS\)](#)
Sandro Scandolo [The Abdus Salam International Centre for Theoretical Physics \(ICTP\) Trieste](#)
Karl Schulte [Polymer Composites Group at the Technical University Hamburg-Harburg](#)
Wolfgang Sigmund [University of Florida Research Foundation \(UFRF\)](#)
Yasuhiro Sugawara [Osaka University](#)
Erio Tosatti [SISSA/ICTP](#)
Taner Yıldırım [NIST Center for Neutron Research](#)

İzmir Institute of Technology (IZTECH)

The İzmir Institute of Technology (IZTECH) is a state university that places emphasis on research and graduate and undergraduate education in fields relevant to science and technology and on interdisciplinary studies. The İzmir Institute of Technology is a state institution established in 1992 as the third university in the city of İzmir. Graduate education commenced in 1994 and the first undergraduate students were admitted in fall 1998.

IZTECH Campus

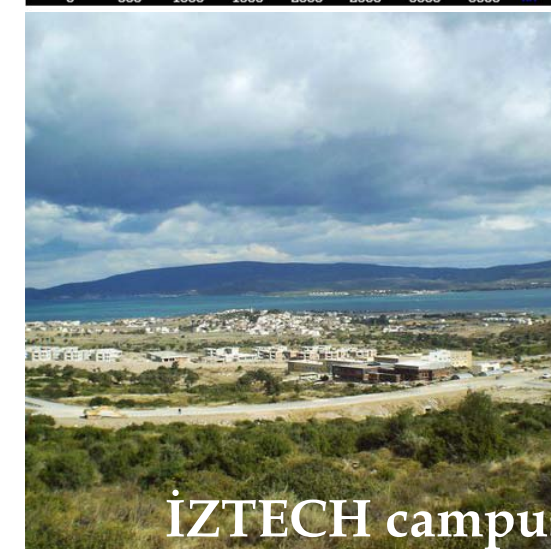
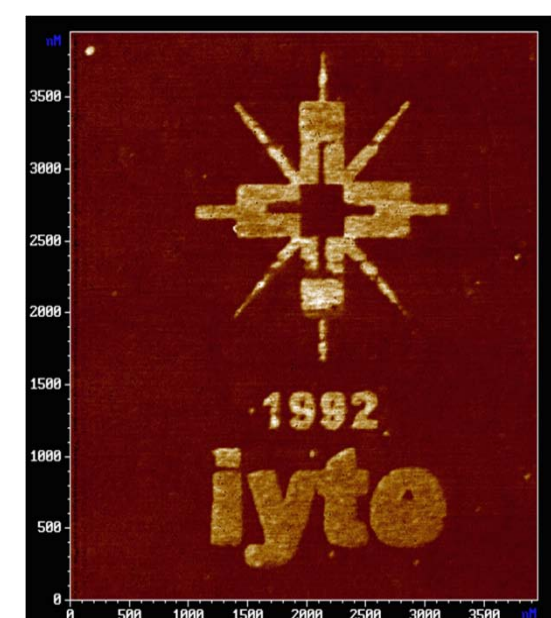
The campus of the IZTECH is located on one of the most beautiful stretches of Aegean coast, **Gülbağçe Lough** at the crossroads of **Ceşme** and **Mordoğan**, between the city of İzmir (45 km) and the city of **Cesme** (45 km). Comprised of 8650 acres (more than one third of the Grand Duchy of Luxembourg), the Institute's main campus boasts two ancient Roman baths, its own waterfalls, olive groves, vineyards, valleys, hills, Mediterranean flora as well as landscaped areas—not to mention the breathtaking sunsets and dawns that must have inspired Anaxagoras as well as the builders of the earliest known olive oil atelier at Klazomenai some six kilometres from campus entrance. Unsurprisingly, the Institute's geo-energy engineers discovered springs of thermal water on campus: the two peninsulae of Erythrai and Melenia at the junction of which campus lies, are well known for their contemporary thermal baths. Thus spanning an edenic natural environment such as Antiquity knew it with expansive research and living premises and the urban facilities of an ancient, yet energetic, city of three million residents, the **İzmir Institute of Technology** offers a wide range of possibilities for the active, enquiring researcher as well as for the contemplative intellectual. Situated on the sea and neighbouring upon fishing and resort villages, the campus carries the advantage of offering opportunity for various sea sports and other recreational activities.

Organizing Committee

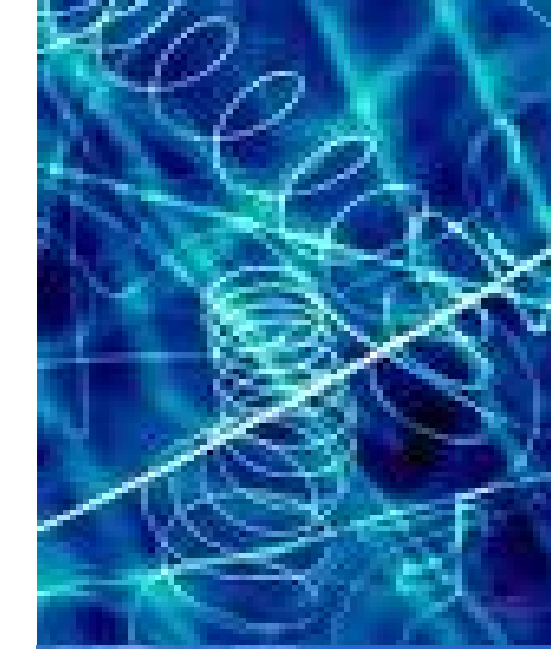
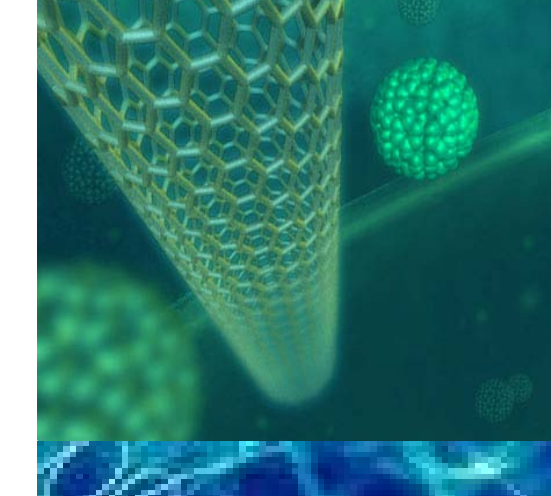
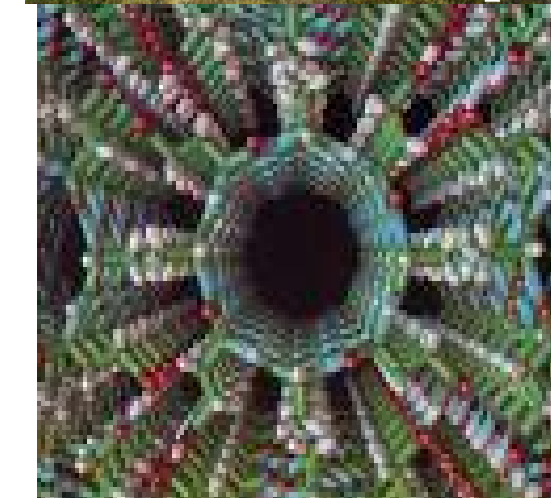
Salih Okur, IZTECH (Chair)

Cetin Arıkan, Istanbul University
Bekir Aktas, GYTE
Atilla Aydınli, Bilkent University
Tahir Çağın, Texas A&M University
Aydin Dogan, Anadolu University
Yalcin Elerman, Ankara University
Oguz Gulseren, Bilkent University
Ahmet Oral, Sabanci University
Macit Ozenbas, METU
Rasit Turan, METU
Hilmi Unlu, ITU

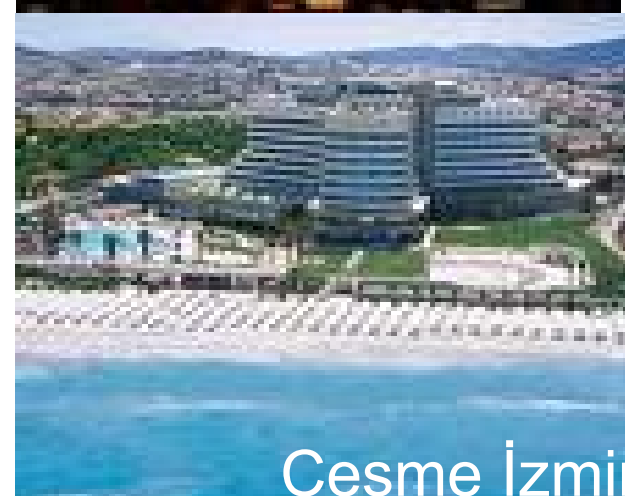
Zafer İlken, IZTECH Rector
Yusuf Baran, IZTECH
Erdal Celik, Dokuz Eylül University
Omer Mermer, Ege University
Ekrem Ozdemir, IZTECH
Mehmet Sengun Ozsoz, Ege University
Lufti Ozyuzer, ZTECH
Yusuf Selamet, IZTECH
Tugrul Senger, ZTECH
Ismail Sokmen, Dokuz Eylül University
Metin Tanoglu, IZTECH
Metiner Tosun, Ege University
Talat Yalcin, IZTECH



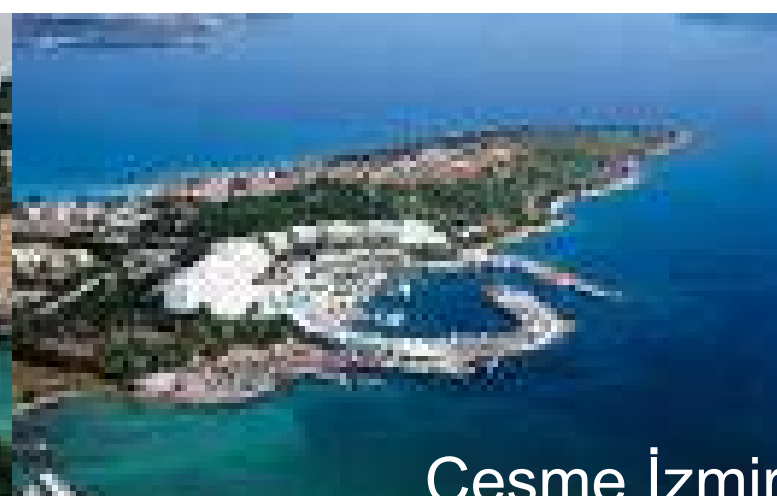
IZTECH campus



İZMİR



Çeşme İzmir



Çeşme İzmir