

**SUBMISSION OF ABSTRACTS**

Contributions are requested to all conference topics.

The submission of abstracts proceeds via file upload at the conference website **until 1 March 2012**.

Full information and submission:

[www.dechema.de/BEST2012](http://www.dechema.de/BEST2012)

**Important note:** The abstracts of all accepted contributions will be published beforehand on the congress website.

The abstract should be typed single-spaced (12 pt Arial font or equivalent, 2.5 cm margins, page size A4 or US Letter) and should include the title, authors, affiliations and addresses.

Detailed guidelines including an abstract template can be downloaded from the conference website.

The abstracts should explicitly mention objectives, new results, conclusions and significance of the work.

The selection of the presentations (orals and posters) will be based on the review of 1-page abstracts (max. 500 kB incl. figures) by the committees.

**DATES TO NOTE**

1 March 2012	Deadline for submission of abstracts
1 May 2012	Notification of acceptance
15 May 2012	Deadline of early payment

**CONFERENCE VENUE**

The Grand Cevahir Hotel & Convention Center, the first five star congress hotel in Turkey, is located in the heart of the city of Istanbul, 3 minutes from Mecdiyeköy and 7 minutes from Taksim square. It has one of the largest hotel congress hall capacities in Europe and considerable experience in welcoming national and international congresses and conventions.

The Grand Cevahir Hotel and Congress Center  
Darülaceze Cad. No: 9 Okmeydani / Şişli  
Istanbul / Türkiye  
[www.gch.com.tr](http://www.gch.com.tr)

**REGISTRATION FEE****Early registration – till May 15, 2012**

Delegate	€ 490
Company	€ 945
Student (proof of status required)	€ 290

**Late registration – after May 15, 2012**

Delegate	€ 590
Company	€ 1,050
Student (proof of status required)	€ 390

Start-up	€ 630
Accompany	€ 150

The ticket is valid for the full scientific program of the ESBES + ISPPP symposium and of ECB15.

Registration includes the lecture program, poster session, exhibition, welcome reception, lunches and coffee breaks, delegate pack and congress materials.

Registration contact: [info@ecb15.org](mailto:info@ecb15.org)

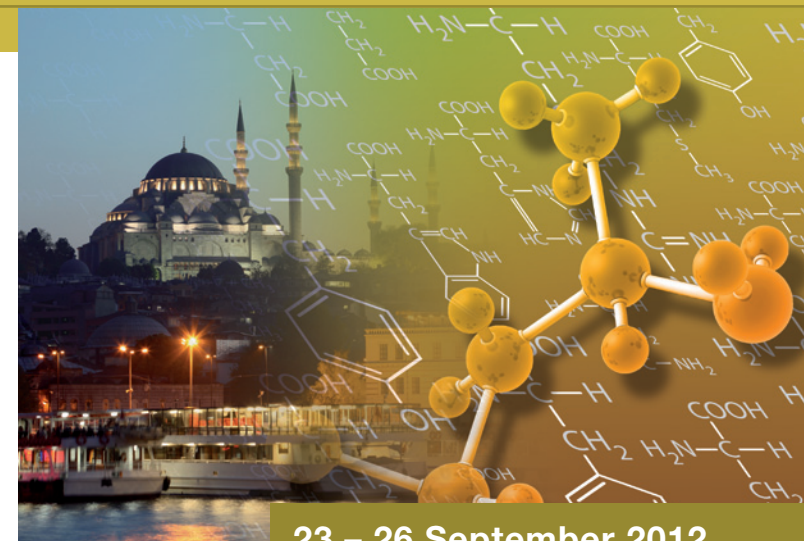
**EXHIBITION & SPONSORING**

For exhibiting at the conference or for supporting the conference in any way please contact the conference secretariat.

**CONFERENCE SECRETARIAT**

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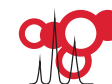
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**23 – 26 September 2012**  
**Istanbul / Turkey**

**ESBES** **9<sup>th</sup> European Symposium**  
**on Biochemical Engineering**  
**Science**

**ISPPP** **32<sup>th</sup> International Symposium**  
**on the Separation of Proteins,**  
**Peptides and Polynucleotides**



[www.dechema.de/BEST2012](http://www.dechema.de/BEST2012)

## INVITATION

## Welcome to Istanbul!

Bioengineering and the separation of biomolecules are the main focus of the second jointly organized event of ESBES and ISPPP. For the first time, ACS-BIOT, the American Chemical Society – Division of Biochemical Technology, will contribute to this European symposium in cooperation with ESBES. As a premiere, the symposium will take place at the same time and at the same place as ECB15, the 15<sup>th</sup> European Congress on Biotechnology ([www.ecb15.org](http://www.ecb15.org)). So, in Istanbul you will have the unique opportunity to visit the complete scientific program of all these congresses.

The idea of this summit is to bring together the international scientific communities in these fields, to foster communication, cooperation, and cross-disciplinary exchange of ideas. This event will provide a unique platform for scientists both from industry and academia to discover new science, technologies, processes and applications.

Istanbul, the largest city of Turkey, is the only metropolis in the world situated on two continents, extending both on the European and on the Asian sides of the Bosphorus. Historically known as Byzantium and Constantinople, and a city with a unique heritage, Istanbul of today is the cultural, economic and scientific centre of Turkey.

The organisers take pride in inviting you to attend this international symposia summit.

We look forward to meeting you in Istanbul!

The Coordination Group

## COORDINATION GROUP

<b>Jochen Büchs</b>	RWTH Aachen/D
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<b>John Woodley</b>	Technical University of Lyngby/DK

- Biofuels and bioenergy, replacement of oil-based chemicals with bio-based
- Biosimilars
- Biothermodynamics
- Frontiers and innovations in biopharmaceuticals process development and manufacturing
- Microbioreactors, microfluidics, lab-on-a-chip microseparations, high throughput
- Monitoring and modeling of population heterogeneity in a bioreactor
- Nanotechnology in bioprocessing
- Non-conventional chromatography modes: expanded bed and continuous chromatography
- Novel chemicals, enzymes and processes
- On-line monitoring of cultivations
- Process integration and primary recovery
- Recombinant protein production
- Stem cell bioengineering, cell therapy and tissue engineering
- Systems biotechnology & metabolic engineering

## ISPPP COMMITTEE &amp; TOPICS

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<b>Carsten Voß</b>	ProBioGen AG, Berlin/D

- Fundamentals: simulation and experimental assessment of chromatographic phenomena
- Materials: affinity and chiral separations
- Materials: miniaturization and monoliths
- Bioanalysis: chemical analysis and bioactivity
- Biomarkers: analysis and use in translational medicine
- Analysis and characterization of protein biopharmaceuticals
- Column technologies
- Multimodal chromatography
- Multidimensional separations
- High throughput screening (resins and conditions)

## PLENARY LECTURES

## pH Gradient-based protein separations using mixed resin beds

Giorgio Carta, University of Virginia, Charlottesville/USA

## Understanding dispersion phenomena occurring in multiphase fermentations by using advanced image analysis techniques

Enrique Galindo, UNAM – Universidad Nacional Autónoma de México/MX