



Participant Profile

for the
Turkish-German Strategy Workshop 2006
TÜBİTAK Marmara Research Center,
Istanbul- Gebze Turkey
13 – 15 December 2006



International Bureau (IB)
of the Federal Ministry of
Education and Research
(BMBF)

1. Contact details and personal information

Name:	yaman arkun	Phone:	212 338 1313
Role/function¹:	Provost/Professor	Fax:	212 338 1205
Institution:	Koç University	E-Mail:	yarkun@ku.edu.tr
Department:	Chemical and Biological eng.	Website:	
Address:	rumeli feneri yolu sarıyer	Organisation type²:	university
Postcode and City:	34450 istanbul		

¹ **Role/function** e.g. working group leader, managing director, postdoc, PhD etc.

² **Organisation type** e.g. university, research institution, small and medium enterprise (SME), industry etc.

Working Group:	<input type="checkbox"/> x1 Material Technologies <input checked="" type="checkbox"/> x2 Biotechnology, Genomics and Food <input type="checkbox"/> x3 Energy <input type="checkbox"/> x4 Information and Communication Technologies <input type="checkbox"/> 5 Environmental Protection, Climate Change and Sustainable Development
Areas of activity:	xx <input type="checkbox"/> research <input type="checkbox"/> training <input type="checkbox"/> technology development <input type="checkbox"/> dissemination <input type="checkbox"/> demonstration xx <input type="checkbox"/> other: research administration
Keywords characterising your area of research:	Please choose the appropriate key words (max. 5) from the following list: http://www.cordis.lu/fp6/keywords computational biology, proteomics, control engineering, control techniques
Expertise, technologies and infrastructures available in your institution:	Research activities / expertise: process dynamics and control; applications to chemical plants, supply chains and proteins Methods: nonlinear control, dynamic optimization Key technologies: model predictive control Infrastructures: Key publications: Guner, U., Arkun, Y., and Erman, B., "Optimum Folding Pathways of Proteins. Their Determination and Properties", J. of Phys. Chem., 124, 134911, 2006 Mestan, E., Turkey, M. and Arkun, Y., " Optimization of Operations in Supply Chain systems Using Hybrid Systems approach and Model Predictive Control" , I&EC Research, 45, 6493-6503, 2006.



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2. Past and present research collaborations

Are you familiar
with the European
Framework
Programme?

Yes
 No
 with Framework Programme 5
 with Framework Programme 6
 with Framework Programme 7

EU-projects you are
involved in:
Past projects

Programme title / contract number / title / acronym / your function
(coordinator / partner / contractor)

Present projects

Other international
collaborations:

Name(s) and
contact details of
potential partners:

If you would like to suggest the participation of particular partners from the partner country based on existing contacts or collaboration experience, you are welcome to indicate their names and contact details below:

3. Presentation at the Workshop

I will give a presentation at the workshop (approx. 10 min.) to present my institution, my expertise, and my collaboration interests. The contents of my presentations is summarised below (max. 1 page).

Critical Research Areas at Koç University

As Provost in charge of academic affairs and research activities I can present our existing faculty expertise, funded projects and potential areas of research collaborations.

I agree with the publication of my data on the Workshop website!

PLEASE FILL IN THIS FORM UNTIL 22 SEPT. 2006 AND RETURN IT TO:

Internationales Buero des BMBF
s.krummacher@fz-juelich.de;

TÜBİTAK-Marmara Research Center
Sunullah.Ozbek@mam.gov.tr;



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