



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: | Assoc. Prof. Ali Arslan KAYA | Phone: | 0262-6773014 |
| Role/function¹: | Manager of Metal Technologies Project Group and Electron Mic. Laboratories, | Fax: | 0262-6412309 |
| Institution: | TUBITAK MRC Materials Instit. | E-Mail: | Aliarslan.kaya@mam.gov.tr |
| Department: | Metal Technologies | Website: | www.mam.gov.tr |
| Address: | TUBITAK P.O.B. 21 Gebze | Organisation type²: | Research Institution |
| Postcode and City: | 41470 Kocaeli | | |

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 checked="" type="checkbox"/> 1 Material Technologies <input type="checkbox"/> 2 Biotechnology, Genomics and Food <input type="checkbox"/> 3 Energy <input type="checkbox"/> 4 Information and Communication Technologies <input type="checkbox"/> 5 Environmental Protection, Climate Change and Sustainable Development |
| Areas of activity: | <input checked="" type="checkbox"/> research <input checked="" type="checkbox"/> technology development <input type="checkbox"/> demonstration <input checked="" type="checkbox"/> training <input checked="" type="checkbox"/> dissemination <input type="checkbox"/> other: |
| Keywords characterising your area of research: | Please choose the appropriate key words (max. 5) from the following list: http://www.cordis.lu/fp6/keywords Materials Engineering, Materials Technology, Metal technology, Biomedical materials, Nanotechnology |
| Expertise, technologies and infrastructures available in your institution: | Research activities / expertise: The research group is involved in developing biomedical materials, and processes for new light alloys. Characterization of metallic structures using electron microscopy and AFM techniques are areas of expertise of the group. Coatings via PVD and thermal spray techniques are being studied, and attempts are focussed on developing new coatings. The institute possesses a wide variety of equipment such as HRTEM, FEG-SEM, AFM, XRD, XRF, Confocal Raman, Glow Discharge, Non-destructive and mechanical testing facilities. |



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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

Present projects

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

Other international
collaborations:

General Electric Aircraft Engines, Cincinnati, USA
Ben-Gurion University, Israel

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:

Dr. Frank Witte, Hannover University Medical Faculty
Dr. Carsten Blawert, GKSS

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).

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;
Christian.schache@dlr.de

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