



# Participant Profile

for the  
**Turkish-German Strategy Workshop 2006**  
**TÜBITAK 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

<b>Name:</b>	Dr Ulrich Schwarz	<b>Phone:</b>	+49 351 46 46 42 33
<b>Role/function<sup>1</sup>:</b>	Senior researcher	<b>Fax:</b>	+49 351 46 46 40 02
<b>Institution:</b>	MPI CPfS	<b>E-Mail:</b>	<a href="mailto:Schwarz@cpfs.mpg.de">Schwarz@cpfs.mpg.de</a>
<b>Department:</b>	Chemische Metallkunde	<b>Website:</b>	Cpfs.mpg.de
<b>Address:</b>	Nöthnitzer Str. 40	<b>Organisation type<sup>2</sup>:</b>	Research institution
<b>Postcode and City:</b>	01187 Dresden		

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

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

<b>Working Group:</b>	<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
<b>Areas of activity:</b>	<input checked="" type="checkbox"/> research <input type="checkbox"/> technology development <input type="checkbox"/> demonstration <input checked="" type="checkbox"/> training <input type="checkbox"/> dissemination <input type="checkbox"/> other:
<b>Keywords characterising your area of research:</b>	<b>Please choose the appropriate key words (max. 5) from the following list:</b> <a href="http://www.cordis.lu/fp6/keywords">http://www.cordis.lu/fp6/keywords</a> 04.02.08.00.00.00.00, 04.06.04.00.00.00.00, 04.06.07.01.00.00.00, 04.06.16.00.00.00.00
<b>Expertise, technologies and infrastructures available in your institution:</b>	<b>Research activities / expertise:</b> Synthesis and characterization of composition, crystal structure and physical properties of solids <b>Methods:</b> X-ray diffraction, optical spectroscopy, chemical analysis, chemical metallography, DTA and TG, high pressures and temperatures, low temperatures, measurements of specific heat and magnetization, NMR, electron microscopy (SEM, TEM) <b>Key technologies:</b> Sample preparation and characterization under inert gas conditions <b>Infrastructures:</b> Close cooperation between three research fields: Inorganic Chemistry, Solid-State Physics, Chemical Metals Science <b>Key publications:</b> Angew. Chem. Int. Ed. Engl. <b>40</b> , 547-549 (2001), Angew. Chem. Int. Ed. <b>41</b> , 2288-2290 (2002), Angew. Chem. Int. Ed. <b>43</b> , 1087-1092 (2004), Angew. Chem. Int. Ed. <b>45</b> , 1905-1910 (2006), Angew. Chem. Int. Ed. <b>45</b> , 1911-1915 (2006), J. Phys. Cond. Mater. <b>17</b> , 5481-5488 (2005); Phys. Rev. Lett. <b>94</b> 236603 (2005). Control of Channel Shapes in a Microporous Manganese(II)-Borophosphate Framework by Variation of Size and Shape of Organic Template Cations. Kniep, R., Huang, Y.-X., Hochrein, O., Zahn, D., Prots, Yu., Borrmann, H.: Chem. Eur. J., im Druck. (Ca <sub>7</sub> N <sub>4</sub> )[M <sub>x</sub> ] (M = Ag, Ga, In, Tl): Linear Metal Chains as Guests in a Subnitride Host. Kniep, R., Höhn, P., Auffermann, G., Ramlau, R., Rosner, H., and Schnelle, W.: Angew. Chem. Int. Ed. <b>45</b> , im Druck.



# 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)

## 2. Past and present research collaborations

Are you familiar  
with the European  
Framework  
Programme?

<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> with Framework Programme 5	
<input type="checkbox"/> with Framework Programme 6	
<input type="checkbox"/> 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:

Middle East University Ankara, Dept. of Inorganic Chemistry,  
Koc University Istanbul, Dept. of Inorganic Chemistry

Name(s) and  
contact details of  
potential partners:

Mehmed Somer  
Aysen Yilmaz

## 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](mailto:s.krummacher@fz-juelich.de);  
[Christian.schache@dlr.de](mailto:Christian.schache@dlr.de)

TÜBİTAK-Marmara Research Center  
[Sunullah.Ozbek@mam.gov.tr](mailto:Sunullah.Ozbek@mam.gov.tr);  
[Artac.Turker@mam.gov.tr](mailto:Artac.Turker@mam.gov.tr)