

WORLDSKILLS LEIPZIG 2013

## SPECIALIST IN WATER TECHNOLOGY – THE HIDDEN CHAMPIONS?

Clean Water is a privilege. Specialist in Water Technology – serving round the clock, throughout the year, all around the world. What qualifications are necessary, how to improve recognition, education and training for this desperately required profession?

Chairperson: **Dipl.-Ing. Rüdiger Heidebrecht**, Head of Department Training and international Cooperation, DWA, Hennef, Germany

Moderation: **Dr. Reza Ardakanian**, Head of UNW-DPC, Bonn, Germany

### Programme:

- 09:00 – 13:00 Visit Demo Skill – Water Technology – at Stanley Hall
- 13:00 Welcome  
**Robert Schmidt**, Board of Directors, DWA, Munich, Germany  
**Ruediger Heidebrecht**, Head of Department Training and international Cooperation, DWA, Hennef, Germany
- 13:30 Introduction to the world water sector  
**Kirsten de Vette**, IWA, Den Haag, The Netherlands
- 13:50 Greening TVET – environmental changes needed – a world perspective  
**Shyamal Majumdar**, UNESCO-UNEVOC International Centre for Technical and Vocational Education and Training, Bonn, Germany (tbc)
- 14:15 WorldSkills Germany – The new WorldSkills discipline “Water Technology”, promoting vocational qualification in the water sector around the world.  
**Elfi Klumpp**, Managing Board Member WorldSkills Germany, Denkendorf, Germany
- 14:40 The German Occupations in the water and waste sector – 29 years experiences.  
**Marion Krampe**, Federal Institute for Vocational Education and Training (BIBB), Bonn, Germany
- 15:00 Break
- 15:30 The German Water Operators – Education and Skills Competition/IFAT  
**Dr. Andreas Lenz**, GWP Working Group and Bavarian Administrative School, Munich, Germany
- 15:50 Water Training around the world  
**Ruediger Heidebrecht**, Head of Department Training and international Cooperation, DWA, Hennef, Germany
- 16:10 WEFTEC/USA - 25 years of Operator Challenges  
**Steve Harrison**, WEF-Coordinator Ops Challenge, Alexandria, USA (tbc)
- 16:30 Global Water Operators Partnership  
**Faraj El-Awar**, UNW-DPC & GWOPA/UN-Habitat, Nairobi, Kenya
- 16:50 BMBF Research project TransRisk – New Technology needs new training content  
**Prof. Dr. Manuela Niethammer, Ulrike Krauße** Technical University Dresden
- 17:15 Discussion (30 Minutes): Water Treatment Technology – a development and future orientated WorldSkills competition discipline? What can we do to promote and accelerate the qualification of our hidden champions?



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## About WorldSkills Leipzig 2013:

This is where the Champions shine. WorldSkills International is an international membership organisation with presently 65 countries and regions. The mission and goal is to generate awareness for professional education and raise its standards. The WorldSkills Competition is the world's largest vocational education and training (VET) event. The competition is held every two years. Over 1000 champions accompanied by their experts will compete in 46 disciplines. WorldSkills 2009 took place in Canada, while the 2011 Competition was hosted by the UK. The next WorldSkills competition after Leipzig, will take place in Sao Paolo, Brazil.

The exciting competitions make you want to learn a professional trade – be it a traditional or a new discipline, whether it be cook, mechatronics or web designer.

This gigantic WorldSkills event is a must for international specialists in vocational education, business and politics to meet and exchange views and experiences.



## Demonstration Skill "Water Operator" in Stanley Hall

At WorldSkills Leipzig 2013, the presentation Skill – "Specialist in Water Technology" will be introduced.

Different aspects within the field of water and wastewater world will be demonstrated by trainees.

In this discipline there are four modules to be mastered: (1) safe entry into and tasks within the sewer system along with safe working in traffic areas, (2) wastewater treatment plant control, (3) closed loop control technology along with water analysis tasks and fault finding, (4) mechanical repair of a pump system.

Professional teams from all over Germany (Leipzig, Stuttgart, Augsburg, Nürnberg, Düsseldorf and Sindelfingen/Nagold/Kornwestheim) will compete for the prestigious title German Champion in Water Technology.



**WorldSkills Leipzig 2013 from July 3 – 6, 2013 brought to you by WorldSkills Germany will be held at:**  
Leipziger Messe · Messe-Allee 1 · 04356 Leipzig · „Stanley Hall“ - Demo Skill · CCL, Conference Room 4 – Conference

### Information

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**Conference "Specialist in Water Technology  
– The hidden Champions?"  
July 4, 2013**

**Firm registration, (free entrance to the  
conference, entrance to WorldSkill is 15€)**

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Wastewater and Waste  
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Germany

Name, Firstname

Company

Street

City Code, City, Country

Tel., Fax, E-Mail

Date / Signature

- Yes, I agree to get further DWA/GFA information per E-mail.  
 I accept the DWA-terms and conditions (see [www.dwa.de](http://www.dwa.de))