

International Expert Conference  
10. - 12. May 2005, Bonn

New Approaches for  
Lifelong Learning in  
Vocational Education  
and Training

Certified IT Qualifications and  
Blended Learning

Neue Wege des  
Lebensbegleitenden  
Lernens in der  
Berufsbildung  
Zertifizierte IT-Qualifizierung  
und Blended Learning



Bundesinstitut  
für Berufsbildung

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- ▶ Forschen
- ▶ Beraten
- ▶ Zukunft gestalten

# Tuesday 10. May 2005

**12:00** Registration and Snack

**13:00** Welcome and Introduction

*(All contributions of the conference will be translated simultaneously in English and German)*

**Dr. Friedhelm Franz**, *Chief Executive Officer of the Siegen Centre for Technology,  
Member of the Northern Westphalia Centers for Technology*

**Frithjof Kühn**, *Chief Administrative Officer of the Rhine Sieg District, Siegburg*

**Prof. Dr. Helmut Pütz**, *President of the Federal Institute for Vocational Education and  
Training, Bonn*

**Dr. George R. Boggs**, *President of the American Association of Community Colleges,  
Washington, D.C.*

## Session topic 1:

### Certified IT Qualifications in the context of Learning and Career Paths

*Moderation:*

*Manfred Kremer, Federal Ministry of Education and Research, Bonn*

*David Wilcox, Global Skills X-Change Corp., Alexandria, VA*

**14:30** National Information Technology Apprenticeship System NITAS

*John Engman, Bodo Vander, Computing Technology Industry Association (CompTIA),  
Oakbridge Terrace, Chicago, IL and Düsseldorf*

#### Certified IT training at vocational colleges

*Dr. Pinny Sheoran, Mesa Community College, Mesa, AZ*

Discussion

**16:15** Coffee break

**16:45** IT qualification units and occupational competency

*Henrik Schwarz, Federal Institute for Vocational Education and Training, Bonn*

#### Advanced IT Training System

*Dr. Stephan Pfisterer, German Association for Information Technology, Telecommunications and  
New Media (BITKOM), Berlin*

Discussion

**18:30** End of the first day

**18:30** Reception / dinner at the Federal Institute for Vocational Education and Training

# Wednesday 11. May 2005

## Session topic 2:

### Competence Assessment and Validation in certified IT Education and Training

Moderation:

*Prof. Willi Petersen, Institute for Vocational Education and Training Work Research and Technology (BIAT), Flensburg*

*Peter Joyce, CISCO Systems, San Jose, CA*

09:30

#### Work process oriented competence in IT, APO IT

*Dr. Walter Mattauch, Fraunhofer-Institute for Software and System Technology, Berlin*

#### Competence assessment and validation in practice

*Dr. Sam Borden, Gateway Technical College, Racine, WI*

Discussion

11:00

Coffee break

## Session topic 3:

### The contribution of nonformal IT Qualifications to the development of VET and Skill Standards

Moderation:

*Irmgard Frank, Federal Institute for Vocational Education and Training, Bonn*

*Torben Jessen, International Business College, Aabenraa*

11:30

#### Vendor neutral IT qualification certificates and IT skill standards

*John Engman, Computing Technology Industry Association (CompTIA), Oakbridge Terrace, Chicago, IL*

12:00

Lunch break

13:30

#### The development of the Advanced IT Training System concerning IT industry certificates

*Dr. Michael Ehrke, IG Metall, Frankfurt*

Discussion

15:00

Coffee break

## Session topic 4:

### Transparency Systems and Instruments in certified IT Education and Training

Moderation:

*Dr. Volker Rein, Federal Institute for Vocational Education and Training, Bonn  
Susanne Burger, Federal Ministry of Education and Research, Bonn*

15:30

#### Transparency and permeability between general, vocational and academic educational sectors respectively different national educational systems

*David Wilcox, Global Skills X-Change Corp., Alexandria, VA  
Kerstin Mucke, Federal Institute for Vocational Education and Training, Bonn*

#### European eSkills Meta Framework

*Dr. Franz Gramlinger, European Union - Centre for the Development of Vocational Training, CEDEFOP, Thessaloniki*

Discussion

17:30

End of the second day

17.40

Departure to the Beethovenhaus

18:00

Snack

19:00

Guided tour at the museum "Beethoven Geburtshaus" in English

20:00

Concert

21:00

End

## Thursday 12. May 2005

### Session topic 5:

#### Blended Learning in process oriented VET

Moderation:

*Michael Härtel, Federal Institute for Vocational Education and Training, Bonn  
Dr. James Jacobs, Macomb Community College, Warren, MI (and Community College Research Center, Columbia University, New York City)*

09:00

#### Virtual training simulator in automotive industry, Toyota

*Jamie Justice, Kentucky Community and Technical College System, Versailles, KY.*

#### Blended learning training concept at the 'Siemens Technik Akademie'

*Wilfrid Lammers, Kellyn Kruger, Siemens Technik Akademie, Berlin*

#### Netbased work process integrated continuing training system for automotive industry workers at DaimlerChrysler (see also special offer 13.5.05)

*Volker Engert, DaimlerChrysler, Mannheim*

Discussion

**11:00** Coffee break

**11:30** **Summary and Final Discussion**

*Moderation*

*Dr. Gisela Dybowski, Federal Institute for Vocational Education and Training, Bonn*

*Dr. James F. McKenney, American Association of Community Colleges, Washington, D.C.*

Discussion

**12:30** **Closing Speeches**

*Prof Dr. Helmut Pütz, Federal Institute for Vocational Education and Training, Bonn*

*Dr. George R. Boggs, American Association of Community Colleges, Washington, D.C.*

**12:45** **Snack / End of the Conference**

## Friday 13. May 2005

11:00 **Visit at the DaimlerChrysler Training Center in Mannheim**

Special offer for interested conference participants

Siegburg/Bonn - Mannheim in 120 Minutes via IntercityExpress

With reference to the session topic 5 and the topic 'Netbased work process integrated continuing training system for automotive industry workers at DaimlerChrysler'.

14:00 **End**

## **Contents**

Dept. 1: Research and Service Concept Development, International Vocational Education and Training, Education Marketing *Dr. Gisela Dybowski*

Dept. 4: Structure and Regulation of Vocational Education and Training, Section 4.1: Commercial Service Occupations and Occupations in the Media Business, Occupations in Initial and Continuing Vocational Education and Training (A.WE.B) *Dr. Volker Rein*

## **Organizational Information**

### **Conference Office/PR**

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### **Registration**

Please use the enclosed registration form to register no later than March 31. You will then receive a confirmation of your registration as soon as possible.

### **Conference address**

Bundesinstitut für Berufsbildung (Federal Institute for Vocational Education and Training)  
Robert-Schuman-Platz 3  
D-53175 Bonn

### **How to find us**

#### **By train:**

From Main Station Bonn with the Underground Line 66 or 68 (direction Bad Honnef / Königswinter) until Robert-Schuman-Platz (about 10 minutes)

#### **By Airplane:**

##### **From Airport Cologne/Bonn:**

With the Airportbus No. 670 to Bonn Main Station (Hbf - Hauptbahnhof), then with the Underground No. 66 or 68 (direction Bad Honnef / Königswinter) to Robert-Schuman-Platz (about 45 minutes)

##### **From Airport Frankfurt International:**

With the InterCityExpress to Siegburg/Bonn Station (direction Cologne), then with the Underground No. 66 or 68 (direction Bad Honnef / Königswinter) to Robert-Schuman-Platz (about 80 minutes).



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