

## Registration Form

### Integrating Engineering and Humanities in Higher Education: The Bologna Process and Beyond

6-7 March 2008 • Darmstadt – Germany  
darmstadtium – Congress Hall

Name  M.I.  Last

Affiliation

Address

City  ZIP

State/Province  Country

Work Phone  Fax

Email

#### Fees

Conference Fee exempt from VAT according to § 4, Nr. 22 UST 200,00 € (250,00 €, if registered after 8th February, 2008).

I confirm to have read the terms of participation in this brochure.  
I also wish to participate in the special events

Field trip to Heidelberg on Mar 8<sup>th</sup> 2008 50,00 €

Dinner Banquet on Mar 6<sup>th</sup> 2008 60,00 €

Place, Date  Signature

#### Payment

Money Order on Receipt of Invoice

Payment with Credit/Debit Card

Diners  Euro-/Master-Card  VISA

Card Number  Card Holder's Name

Expiration Date  Card Holder's Signature

Please return this registration form by mail or FAX to:

**TU Darmstadt**

FG TVT • Petersenstraße 30 • D-64287 Darmstadt

FAX: +49 6151/16-4516

Note: that you can also register online at: [www.tu-darmstadt.de/iehhe](http://www.tu-darmstadt.de/iehhe)

A Receipt will be provided upon payment.

Note: We hereby inform you according to § 18 Hess. Datenschutzgesetz (Hessian Data Protection Act) that your data will be processed electronically and stored in files.

## Terms of Participation

### Organizers

TU Darmstadt: Prof. M.J. Hampe, Dipl.-Ing. H. Maier,  
S. Mohr-Bimmel

AGLS: Prof. Margaret J. Downes

DGPF e.V.: Prof. Petra Gehring

Virginia Tech: Prof. Ron Daniel

### Sponsors

DAAD e. V., VDI e. V.

### Location of the conference

darmstadtium

Wissenschafts- und Kongresszentrum Darmstadt GmbH & Co. KG  
Schlossgraben 1 • D-64283 Darmstadt – Germany

### Fees

Participation: 200,00 € (250,00 €, if registered after Feb. 8th,  
2008, incl. two lunches, break refreshments, congress documents).

Dinner Banquet: 60,00 €

Field Trip to Heidelberg: 50,00 €

### Registration

• online: [www.tu-darmstadt.de/iehhe](http://www.tu-darmstadt.de/iehhe)

• by FAX: +49 6151/16-4516

• by mail: TU Darmstadt • FG TVT

Petersenstrasse 30 • D-64287 Darmstadt – Germany

### Deregistration

Cancellation requests in writing are accepted prior to Feb. 8th,  
2008. Those is a € 100,00 service charge for refunds.

### Questions?

Visit our website: [www.tu-darmstadt.de/iehhe](http://www.tu-darmstadt.de/iehhe) or contact us:

E-mail: [iehhe@tv.tu-darmstadt.de](mailto:iehhe@tv.tu-darmstadt.de)

Phone: +496151162164

## Hotel Accommodation

Note: Mention the IEHHE conference to receive the participant's rate.

Welcome Hotel Darmstadt, Karolinenplatz 4, 64289 Darmstadt  
89,00 €/night Standard, 99,00 €/night Comfort, 109,00 €/night Superior

For reservations, call the hotel +49 6151 – 152 17 45

You can find other hotels on: <http://www.proregio-darmstadt.de/>

### Travel

Darmstadt is easily accessible from Frankfurt International Airport. To find the darmstadtium congress center see [www.darmstadtium.de](http://www.darmstadtium.de).



# International Conference

# Integrating Engineering and Humanities in Higher Education

## The Bologna Process and Beyond

darmstadtium – Darmstadt – Germany

6-7 March 2008



 **VirginiaTech**  
Invent the Future®



 VDI

 DGPF  
Deutsche Gesellschaft  
für phänomenologische Forschung



 Education and Culture

 DAAD

## International Conference

### Integrating Engineering and Humanities in Higher Education

The Bologna Process is a revision of the European higher education system. A stimulating panel about this process at a recent AGLS conference (Association for General & Liberal Studies) opened possibilities for international cooperation on improving higher education, particularly through better integrating curricula in the professions with study of the humanities and social sciences. The Bologna Process, we realized, becomes increasingly beneficial as such possibilities are considered. Thus, from the ideas and interest generated by that AGLS panel, this Darmstadt Conference has been born.

The Darmstadt Conference, organized cooperatively by AGLS, a leader in U.S. higher education, VDI (Verein Deutscher Ingenieure – the Association of German Engineers), and the DGPF (Deutsche Gesellschaft für phänomenologische Forschung – a German philosophical society), will bring together college and university educators and administrators from both sides of the Atlantic. The academic host institutions are TU Darmstadt and Virginia Tech. Presentations and discussions will focus on the learning outcomes of the general education of engineers in the U.S. and Germany. Innovative ways of successfully integrating humanities studies in the education of engineers will be exemplified.

The Department General on Education and Culture of the European Union and DAAD (Deutscher Akademischer Austauschdienst), Germany's academic exchange service are among its sponsors; conference participants and presenters will include representatives of U.S. and German universities.

The conference will take place at the new Darmstadt Congress Center at TU-Darmstadt, a short bus-ride from the Frankfurt International Airport.

## Schedule

### Thursday March 6th, 2008

- 09:00-09:15** **President Prömel**, TU Darmstadt  
Welcome address
- 09:15-09:30** **Downes, Daniel, Gehring, Hampe**  
Opening
- 09:30-10:30** **Pangratiös Papacosta**, Columbia College of Chicago  
Reinventing Prometheus: Humanities in the Education of Scientists and Engineers
- 10:30-11:00** Coffee break
- 11:00-12:00** **Alfred Nordmann**, TU Darmstadt  
Higher Education in the US and in Germany: A comparison
- 12:00-12:30** **Frank Stefan Becker**, Siemens AG  
The Impact of the Bologna Process on Engineering Education: A view from the industry
- 12:30-13:00** **Robert Warrington**, Michigan Technological University  
Engineering, The Humanities, Internationalization, Sustainability and Accreditation: Will a Renaissance Occur?
- 13:00-14:30** Lunch break with speech:  
**Gary Downey**, Virginia Tech  
Is Engineering at Risk of Declining into Technical Support?
- 14:30-15:00** **Steven Walton**, Penn State University  
Aiding and ABETing
- 15:00-15:30** **Jan Helge Bohn**, Virginia Tech  
Atlantis Dual BSME Degrees: Fulfilling two Requirements simultaneously
- 15:30-16:00** **President Steger, Dean Benson**, Virginia Tech  
Video Conference
- 16:00-16:30** Coffee break
- 16:30-17:00** **Lisa Du Pree McNair**, Virginia Tech  
Integrated Engineering Programs to Promote Interdisciplinarity
- 17:00-17:30** **Susan Feiner**, University of Southern Main  
Gender, Race and Religion: What Engineers should know
- 17:30-18:00** **Yusef Fahmy**, University of North Carolina Asheville  
Engineering as a liberal art

## Schedule

### Friday March 7th, 2008

- 09:00-09:30** **Mikael Hard**, TU Darmstadt  
Interdisciplinary Graduate Schools: Experiences from Darmstadt
- 09:30-10:00** **Mary Kasarda**, Virginia Tech  
Sweet Briar, An Engineering Program at An All-Women's Liberal Arts College
- 10:00-10:30** **Richard Kamber**, The College of New Jersey  
Society, Ethics, and Technology at the College of New Jersey
- 10:30-11:00** **Jens Kertscher**, TU Darmstadt  
Philosophy for Mechanical Engineers
- 11:00-11:30** Coffee break
- 11:30-12:00** **Christian Schumacher**, Goethe Institut Kolumbien  
Engineering, emancipation and the humanities at the Universidad Tecnológica de Bolívar
- 12:00-12:30** **John M. Grandin**, University of Michigan  
Integrating Engineering Education with the Study of Language and Culture
- 12:30-13:00** **Werner Sesink, Max Mühlhäuser**, TU Darmstadt  
eLearning: Necessarily a Joint Approach
- 13:00-14:30** Lunch break with speech:  
**Reiner Anderl**, TU Darmstadt  
Global Engineering
- 14:30-15:00** **Steve O'Brien**, The College of New Jersey  
Liberal Learning Requirements for Engineering Degree Candidates at The College of New Jersey
- 15:00-15:30** **Ronald G Kander**, School of Engineering, James Madison University  
The James Madison University Experiments
- 15:30-16:00** **D. Joseph Mook**, University of Buffalo  
The Role of Humanities in the Study Abroad Programs in Engineering at SUNY
- 16:00-16:30** Coffee break
- 16:30-17:00** **Richard F. Vaz**, Worcester Polytechnic Institute  
Projects Combining Technology, Social Issues and Global Learning
- 17:00-18:00** **Walther Ch. Zimmerli**, TU Cottbus  
Engineering the Future: Transdisciplinary Requirements for Tertiary Education – a Vision
- 18:00-18:10** **Manfred J. Hampe**, TU Darmstadt  
Resumee

## Saturday March 8th, 2008

### Field Trip to Heidelberg

- 09:00** Departure for Heidelberg from the Welcome Hotel Darmstadt
- 10:00** Tour of the Heidelberg Castle Grounds
- 11:00** Descent with cable car
- 11:15** Tour of the Old Town
- 13:00** Reservation for lunch at the brewery "Kulturbrauerei"
- 15:00** Free time to discover Heidelberg on your own
- 17:00** Departure at the "Kulturbrauerei"



### Price

50 € (incl. VAT) comprises:

- Bus transfer
- Guided tours of Castle Grounds and Old Town
- Descent with cable car

Note: Lunch at the "Kulturbrauerei" must be payed extra.

Please mark in the registration form if you want to participate in the field trip.