One Year of 4ING
or
Has Informatics Europe to Become More Political?

Manfred Nagl
Software Engineering
RWTH Aachen University
nagl@cs.rwth-aachen.de
www-i3.informatik.rwth-aachen.de
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• What is 4ING: Organization
• Why 4ING: Goals
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• Would a European Organization help?
What is 4ING: Organization (1)

Umbrella Organization of 4 Faculty Conferences

FTMV
Mechanical and Process Engineering

FTBG
Civil Engineering and Geodesy

4ING
Faculty Conferences in Engineering and Informatics at Universities as a "political" umbrella organization

FTEI
Electrical Engineering and Information Technology

Informatics
What is 4ING: Organization (2)

Power

FTMV

representing appr.

2,000 Professors
12,000 Assistants
120,000 Students
at university level

50 Universities
750 Professors
3,600 Assistants
60,000 Students
What is 4ING: Organization (3)

4ING Member
Faculties

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ECSS’07, October 8, 2007
What is 4ING: Organization (4)

Tasks of Faculty Conferences:
Example FTI

• Well-defined process to become a member
• Plenary session every year
  – 2006 Ilmenau, 2007 Saarbrücken
  – Accompanied by a workshop
• Board: 4-6 meetings or phone conferences a year
• Comission for studies
• The voice of German university research and education in Informatics
Why 4ING: Goal (1)

Living in a Changing Period

- Bologna Process
- Globalization
- Will to change without any background
- Alternative ideas within political system
- Induced changes of German university system

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Why 4ING: Goal (2)

Preventing disastrous decisions

- Doct. Diss. as credited study program
- Professional Doctorate
- Bachelor Professional
- More Bachelors less Masters
Why 4ING: Goal (3)

Constructive influence on Politics

Ask for explanation/advice

How to structure
- prevent advantages
- avoid disadvantages

... Explain differences
Answering Common Problems

- Freshmen acceptance test
- Self assessment for 4ING students
- Qualification framework & outcome orientation
- Accreditations: Experiences, organization of this mass business, uniformity
- Frames for Bachelor/Master Curricula and how they are followed
- Quality evaluation of faculties
- Quality stamps for faculties
- Quality evaluation of publications
- Lecture evaluation by students
- Further and contd. education (more important due to BaMa)
### One Year of Activities (1): „Political“ Activities

<table>
<thead>
<tr>
<th>Speaking to State and Federal Politicians and Ministry Officials</th>
<th>Speaking with Professional or Scientific Associations</th>
<th>Visited Conferences</th>
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<tbody>
<tr>
<td>13 Meetings</td>
<td>14 Meetings</td>
<td>12 Conferences</td>
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<tr>
<td>SH</td>
<td>TU9</td>
<td>Bol. Symp. BMBF + KMK</td>
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One Year of Activities (2): Planning Together

Networking ourselves

Board Meet. 4ING
Commission FTEI
Board Meet. FTI
Commission FTMV
Commission FTBG
Commission FTEI
Board Meet. 4ING
Commission FTEI
Plenary Sess. FTEI
Board Meet. FTI
Commission FTEI
Commission FTMV
Plenary Sess. FTMV
Plenary Sess. FTBG
Board Meet. FTI

Planning a Big Event in 2008

coord. Conf. 1
coord. Conf. 2
numerous meetings and talks
One Year of Activities (3)

Success Stories

- We are present
- Stimulating Cooperation
- Eng. Diss. Period
- Numerous Press Statements
- Diss. and Polytechnics, Profess. Doctorate
Future Tasks

• Multi Level Networking Informatics Across Disciplines together with general Associations
• Helping to organize and stabilize the future Bologna process
• Avoiding Risks in System Changes
• Big 4ING Event July 14-16, 2008 at Aachen: „The Importance of Engineering and Informatics…“
A Political Institution on European Level? (1)

Are there common problems, and if, common solutions?

- Eng. Diss. as study program
- Professional Doctorate
- Bachelor Professional
- More Bachelors, Less Masters...
- Bologna & unref. changes
- Bologna & bureaucracy
A Political Institution on European Level? (2)

Which organizational form?

Informatics Europe  Mech. Eng. Europe  EIT Europe  CE Europe  ...  SEFI

Together with Polytechnics?
A Political Institution on European Level? (3)

Active for what?

Speaking to EC

Speaking to National E&R Ministries

Speaking to Industry Assoc.

Speaking To Techn. Assoc.

Accompanying Bologna process

Avoiding Europe-wide bureaucracy

4ING would have liked to have support on European level