Establishment of the GUC – Phase 2

About the Cooperation between GUC and its Partner-Universities in Germany

Paul J. Kühn
Founding Dean IET of GUC

Institute of Communication Networks and Computer Engineering
University of Stuttgart, Faculty 5,
Dept. of Electrical Engineering and Information Technology
Tel.: +49-711-685-68027, Fax: +49-711-685-67983
E-Mail: paul.j.kuehn@ikr.uni-stuttgart.de
Web: http://www.ikr.uni-stuttgart.de
Establishment of GUC – Phase 1: 2000-2007 (1)

- **90es**: Originating Ideas (Mansour, Wolff)
- **2000-2003**: Planning of GUC
  - Construction of Campus
  - Assignment of “Founding Deans” and GUC Boards
  - Design of Curricula
  - Recruitment of Scientific and Administrative Staff
  - Approval by Presidential Decree
  - Two Partner-Universities: Ulm and Stuttgart
    (Cooperation Agreement)
Establishment of GUC – Phase 1: 2000-2007 (2)

- **2000-2003**: Preparation for Accreditation (cont.)
  - Support by German Government (DAAD)
  - Support by State of Baden-Württemberg
  - Support by Industrial Partnerships

- **Oct. 2003**: Inauguration of GUC
  - Beginning of 6 Bachelor-Programs

- **2005**: Accreditation of IET and MET by ACQUIN
  - Extension of the Campus and Staff
  - Establishment of Laboratories
Establishment of GUC – Phase 1: 2000-2007 (3)

- **2006:** Summer Schools for GUC Students in Germany (Language Courses, Internships)
- **2007:** First Graduates of the Int. Bachelor Programs (8 Sem.)
  - Sabbatical Leave of GUC Students to Germany for Bachelor-Projects
Establishment of GUC – Phase 2: 2007- … (1)

- Continuation of Staff Recruitment
- Lab Establishments
- Campus Extension
- Start of M.Sc./MBA/MA Programs
- Establishment of Research
  - PhD Programs for TAs and PhD Applicants
  - Establishment of Joint-Research Projects
    (Partner Universities, Industry)
Establishment of GUC – Phase 2: 2007- … (2)

- Establishment of Joint Degree (mainly: Joint Master) Programs
- Extension of Exchange Programs on all Levels
  - Students (Bachelor/Master)
  - Postgraduate Students
  - Scientific Staff (TAs, Lecturers, Professors)
Establishment of Research (1)

Research Staff: - Professors, Lecturers, TAs, PhD-Students

Research Programs: - Departmental Research Nuclei
- Cross-Departmental and Interdisciplinary Programs
- Joint-University Research Cooperation Programs
- Joint-University/Industry Projects
Establishment of Research (2)

Research Funding:
- Staff Positions of GUC
- PhD Scholarships
- Governmental Program Funding in Egypt (?)
- Funding of German Researchers at GUC by DFG (German Research Council)
- Bilateral GUC-Industry Project Funding
- Participation in Public Programs (European Union?)
Establishment of Research (3)

Responsibilities:  
(Supervision)  
- GUC Professors and Lecturers  
- Partner Institution Professors esp. Joint Supervisions  

Visibility/  
Quality Control:  
- GUC Webpage  
- Contributions to National and International Conferences  
- Publication in Scientific Journals  
- Regular GUC Research Reports  
- External Evaluations
Establishment of Joint Degree Programs:
Joint Master Program Proposal (1)

Aim:
- Establishment of a Joint Master Degree between GUC and a Partner-University
- Excellence Program of Higher Quality than individual Master Programs
- Exchange of Students and Scientific Staff
Establishment of Joint Degree Programs: Joint Master Program Proposal (2)

Structure:

Joint M.Sc. Degree

<table>
<thead>
<tr>
<th>Egyptian B.Sc. Degree</th>
<th>GUC</th>
<th>German University (Ulm, Stuttgart)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-year int. Bachelor-Pr.</td>
<td>Joint Supervision of Master Thesis</td>
<td>3-year Bachelor-Pr.</td>
</tr>
<tr>
<td>3rd Semester</td>
<td>M.-Thesis</td>
<td>M.-Thesis</td>
</tr>
<tr>
<td>3rd Semester</td>
<td>GUC-Presentation, September 29, 2007</td>
<td>Prof. Dr.-Ing. Dr. h. c. mult. Paul J. Kuehn</td>
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</tbody>
</table>
Establishment of Joint Degree Programs: Joint Master Program Proposal (3)

**Admission:**
- Based on B.Sc.-Degree with very good Results
- Application at Home University
- Evaluation and Proposal to the Partner University
- Final Acceptance by Partner University
- No further Qualifications (such as Entrance Exams)

**Agreement:**
- Joint Agreement as an Umbrella Approved by both Partner Universities
- Detailed Study Plans and Options (Appendix, Part of the Joint Agreement)
Establishment of Joint Degree Programs: Joint Master Program Proposal (4)

**Study Plans:**
- Choice of a Major (which is offered at both Partner Universities)
- Integration of an Extra Program to foster “Excellence” (Elite Program)
  
  e.g.:  
  - Research Internship in an Industrial R&D Dept. or Research Institution
  - Course Program on Business Management and Administration
  - Special Language / Cultural Programs
Establishment of Joint Degree Programs: Joint Master Program Proposal (5)

Funding:
- Application with DAAD
- Establishment of an ERASMUS-MUNDUS Program (EU)
- Private Company Sponsorships

Begin:
- Winter Term 2007-2008
**Exchange Progr. GUC - Partner Universities Germany (1)**

**Type of Exchange**

(1)
1 or 2 Semesters Abroad

**Definition**

- Participation in Courses, Exams
- Evaluation at Partner University
- Issuing of Complete Transcripts (but no Degree)
Exchange Progr. GUC - Partner Universities Germany (2)

**Type of Exchange**

(1) cont.

1 or 2 Semesters Abroad

**Definition**

- Acknowledgement by Home Univ. within the Home Study Program (analog. To European Erasmus Exchange Programs)
- Possibility to Extension to an Industrial Internship
### Exchange Progr. GUC - Partner Universities Germany (3)

<table>
<thead>
<tr>
<th>Type of Exchange</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2) Joint Master Program</td>
<td>- see above</td>
</tr>
<tr>
<td>Type of Exchange</td>
<td>Definition</td>
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<tr>
<td>-------------------------------</td>
<td>---------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Research Sabbatical</td>
<td>- Professors, Lecturers, TAs</td>
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<td></td>
<td>- Research or Experience Stay at an Institute of the Partner University</td>
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<td></td>
<td>(short: up to 3 months, middle: 1 sem. long: 1 year)</td>
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<td></td>
<td>- Possible Participation in Teaching/Research Work Programs</td>
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<td></td>
<td>- Funding by Home University</td>
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Conclusions (1)

- Short Review on the History of the Establishment of the GUC (1st Phase)
- Thoughts about Future Developments (2nd Phase)
  - Establishment of Research
  - Master and PhD Programs
  - Exchange Programs
  - Proposal of a Joint-Master Program
Conclusions (2)

- Student Exchange Programs already Started in 2007 (Bachelor Projects / Lab Courses)
  - Experiences very good (Highly Motivated Students, Quality)
  - Selection and Exchange Procedure According to the Established Schedule
  - Evaluation of Project by Partner Institution, Acknowledgement by Home Institution
  - Extendable to Master Projects in the Future
- Staff Exchange Programs (Sabbaticals)
- Establishment of Research Programs