GAMI Global Advanced Manufacturing Institute
Thesis and Internship in Suzhou, China

Stefanie Schmidt
January 17th, 2016
GAMI Study Program

WE WANT YOU!
AGENDA

1. Introduction of GAMI Study Program

2. GAMI Global Advanced Manufacturing Institute

3. Impressions of our GAMI Institute and of Suzhou

4. Conclusion
GAMI Study Program WS 2016/2017

GAMI provides a variegated schedule

- possibility of completing an internship or writing master / bachelor thesis
- get an insight in research and industrial projects
- Intercultural learning at our „Industry 4.0 Demonstration and Innovation Center“
- familiarizing with product systems and technologies
- working in a unique culture and dynamic team
- financial assistance and housing in Suzhou

Closing date for application: 31.05.2016
Email of contact person: schmidt.stefanie@silu.asia
Information about: https://www.wbk.kit.edu/1218.php
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History of GAMI-Program
KIT/GAMI gained experience in China since 2005

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>2005</td>
<td>First projects in China were conducted by wbk</td>
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<td>2006</td>
<td>Number of projects increased</td>
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<td>2007</td>
<td>Idea of founding an office in China</td>
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<td>2008</td>
<td><strong>GAMI</strong> Global Advanced Manufacturing Institute was established as <strong>wbk-Representative</strong> at Linping, Hangzhou</td>
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<td>2009/10</td>
<td>Gaining project partners &amp; growth</td>
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<td>2011</td>
<td>Establishment of <strong>SILU</strong> Production Engineering Services Ltd., Co.</td>
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<td>2012</td>
<td>Continue to develop wbk/KIT-China activities</td>
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<td>2014</td>
<td><strong>KIT China Branch</strong> was accordingly established</td>
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<td>2015</td>
<td>Grand Opening of <strong>Industry 4.0 Demonstration and Innovation Center</strong></td>
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<tr>
<td>2016</td>
<td>Development of wbk/KIT-China activities at GAMI</td>
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Suzhou Industrial Park - Higher Education Town

Largest cooperation project between Chinese and Singaporean governments

- **Industrial Layout**
  - Foreign Enterprises: 4000
  - Domestic Enterprises: 10000
  - Projects from Fortune 500 companies: 145
  - European and American companies: 2000
  - Accumulated Utilized Foreign Capital: USD22.6 billion

- **Suzhou Education Innovation District (SEID)**
  - 25 km² Planned Area
  - 25 Universities
  - 182 Science & Technology Platforms
  - 72,000 Students
  - 20,000 Postgraduates and PhDs
Location and Facts 2014
GAMI Global Advanced Manufacturing Institute

Suzhou
Wisdom Center, Moon Bay

General Information
- Founded in 2008
- Headquarter at Suzhou

Employees:
- Engineers ~20
- Administration ~4
- Students ~5

Education/Trainings:
- 30 Trainings
- 55 Workshops
- 3 University Lectures

Projects:
- 3 Applied Research Projects
- 31 Industry Projects
GAMI Engineering Services
A Service Provider in your Value Chain

Value Adding Process

- Sourcing and Localization
- Supplier Development
- QM & Six Sigma
- Production Systems
- SCM & Lean Logistics

Starting from Purchasing & Sourcing GAMI is developing to a full service provider with a production engineering background to support your whole value adding process.

GAMI supports in the whole value adding process of your business.
High class professional trainings for SCM, Production & Quality Managers.

I. Quality Management
- Auditing according to ISO 9001:2008
- Process Auditing according to VDA 6.3
- Six Sigma (Green Belt & Black Belt)
- TS 16949
- 8D Report
- Quality Loop/QM-Tools

II. Production Management
- Lean Production
- Lean Process Management
- Introduction of 5S
- Workplace Organization
- Introduction OEE and TPM
- Value Stream Mapping (VSM)
- Single Minute Exchange of Die (SMED)
- Poka-Yoke
- Factory Planning
- Line Balancing
- Leveling Production
- Training with Industry (TWI)
- Problem-Solving Technique
- Project Management

III. Supply Chain Management
- Pull System
- Kanban System
- Warehouse & Inventory Management
- Cost Structure Analysis
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Impressions of GAMI
Impressions of our Innovation Center
Impressions of Suzhou
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WE WANT YOU!

GAMI Study Program:
• Internship or Master or Bachelor Thesis
• 6 month stay (WS 2016/2017)
• Financial support
• Housing

Information:
https://www.wbk.kit.edu/1218.php

Application until: 31.05.2016
Contact person: schmidt.stefanie@silu.asia

Application documents:
• Letter of motivation (max. 2p.)
• CV
• Performance record
• Certificates (Bachelor etc.)

www.silu.asia
Thank you for your attention!

Karlsruhe Institute of Technology
GAMI Global Advanced Manufacturing Institute

Suzhou SILU Production Engineering Services Co., Ltd.

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