



Maher Deeb

Curriculum Vitae

Education

- 2009–2011 **Masters of Science**, *Bauhaus-Universität Weimar*, Weimar, Grade – 1.66 (80-90%).
- 2002–2007 **Bachelor of Civil Engineering**, *The University of Damascus*, Damascus, Syria, Grade – 73.08%.
Specialized in Structural Engineering

Masters Thesis

- Title *Damage prognosis for RC frame structures under the impact of subsequent earthquakes - a case study of recent events*
- Supervisors Dr.-Ing. J.Schwarz & Dipl.-Ing. L.Abrahamczyk
- Description The work provides tools which can give reliable evaluation of the behavior of the RC frame structures under subsequent earthquakes taking in account the effect of other different hazards such tsunamis and progressive collapse.

Experience

Vocational

- 2011–Present **1.5 years PhD student**, GRADUIERTENKOLLEG 1462 (MODELLQUALITÄTEN), Weimar.
developing a new method which investigates the latent relationship between the quality of the models and NDT reliability.

Detailed achievements:

- Participating in short time measurements of the Reference Object (Mast/Pole)
- Participating in different conferences with oral presentations:
 - ISMA 2012 in Leuven (Belgium)
 - IKM 2012 in Weimar (Germany)
 - European-American Workshop on Reliability of NDE 2013 in Berlin (Germany)
- Participating in Reference Object (Tower)

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Graduiertenkolleg 1462 "Modellqualitäten"

- 2010–2011 **Part time job**, BAUHAUS-UNIVERSITÄT WEIMAR, Weimar.
Research assistant in EDAC "Earthquake Damage Analysis Center".
- 2008–2009 , Damascus.
Worked in a structural design of buildings, engineering office
- 2006–2007 , Tartous.
Worked in a structural design of buildings, engineering office and construction site

Miscellaneous

- 2009–2012 **During my Master studies**, *Bauhaus-Universität Weimar*.
Participating in different projects (Life-lines engineering project (2D dam modeling), Risk and evaluation of structures, Earthquake engineering, Experimental structural dynamics).

Awards

- 2010 Acknowledgment of the faculty for my activities and personal engagement in two weeks in August of the courses of the Bauhaus-Universität Weimar summer school
- 2012 ISMA Student Fellowship sponsored by the EC via the FP7 Marie Curie ITN projects VECOM and MID-FREQUENCY

Computer skills

- Basic Windows, Microsoft Office, Grapher, $\text{\LaTeX}$
- Intermediate Visual Basic, SAP2000, ETABS, PERFORM-3D, PERFORM COLLAPSE, AutoCAD, 3 MURI, MAPLE, MAPINFO
- Advanced Ansys, APDL, MATLAB, LabVIEW, optiSlang

Communication Skills

- 2013 Giving lectures about Tsunami basics for NHRE Master students, Bauhaus-Universität Weimar
- 2012 & 2013 Participating in the DAAD's RISE scholarship program by supervising undergraduate students from USA
- 2012 Participating in the Poster competition & Elevator Pitch for scientific and artistic design young talent within the German Science Council of the Bauhaus-Universität Weimar
- 2012 Tutor for the new NHRE Master students

Languages

- | | | |
|---------|---------------------|------------------------------|
| Arabic | Mothertongue | |
| English | Intermediate | <i>Conversationally good</i> |
| German | Intermediate | <i>Conversationally good</i> |

Interests

- Sport
- Reading
- Dancing

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