

CURRICULUM VITAE

Raid Karoumi, Professor

Born: 1964

Civil and Architectural Engineering
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1. CURRENT POSITIONS AT KTH

- 2008 - Present Professor, Civil and Architectural Engineering, Structural Engineering and Bridges
- 2010 - Present Head of division of Structural Engineering and Bridges
- 2011 - Present Vice chairman of the appointments Committee of the ABE School
- 2010 - present Board member of the KTH Railway Group

2. EDUCATION

- 1990 M.Sc, Structural Engineering, KTH Royal Institute of Technology
- 1996 Lic. Engr., Structural Engineering and Bridges, KTH Royal Institute of Technology
- 1999 Ph.D., Structural Engineering and Bridges, KTH Royal Institute of Technology
Thesis title: *Response of Cable-Stayed and Suspension Bridges to Moving Vehicles, Analysis methods and practical modelling techniques*
Main supervisor: Håkan Sundquist

3. PREVIOUS EMPLOYMENT

Total number of full-time equivalent months spent on parental leave, or in military service, etc. during the period covered by this CV: 9

- 2006 - 2008 Associate Professor, KTH Royal Institute of Technology, Department of Civil and Architectural Engineering
- 1999 - 2006 Postdoctoral fellow/Researcher, KTH Royal Institute of Technology, Department of Civil and Architectural Engineering
- 1993 - 1997 Consulting Engineer, Jacobson & Widmark (J&W), Bridge division
- 1991 - 1993 Consulting Engineer, Byggekonsulter Hans Hansson & Co

4. SELECTED COMMISSIONS OF TRUST

- 2010 - Present Board member, KTH Railway Group
- 2004 - Present Project coordinator/leader, Instrumentation and long-term Monitoring of the New Svinesund Bridge
- 2003 - Present Project coordinator/leader, Instrumentation and long-term Monitoring of the New Årsta Railway Bridge
- 2009 - 2012 Project leader and external expert for Trafikverket (the Swedish Transport Administration), several investigations for increased train speeds on existing bridges in Sweden
- 2004 - 2010 Project coordinator/leader, dynamic investigations of the bridges on the new Bothnia Line

- 2005 - 2006 Project leader for the UIC (Int. union of railways) project BRIDCAP – Increased load capacity of existing bridges on corridors
- 2005 - 2007 Project coordinator/leader, Modern bridge monitoring techniques

5. SELECTED AWARDS AND RECOGNITION

- 2006 Awarded CIR:s international certificate by the Swedish Group of CIB / IABSE / RILEM
- 1991 Awarded year 1991 study medal from Professor Gunnar Wallquists donation fund (a medal for outstanding study results to a student in the final study year at KTH)

6. SELECTED TEACHING

- 2008-present AF2201 Bridge Design
- 2008-present AF2203 Advanced Bridge Design
- 2008-present AF2011 Structural Dynamics for Civil Engineers
- 2011-present AF2024 Finite Element Methods in Analysis and Design

Total number of supervised diploma works and master's projects: 53

Total number of Postdocs supervised: 2

Number of doctoral students currently supervising: 7

Total number of graduated doctoral students: 2

Total number of graduated licentiate students, i.e. not continuing to doctoral students: 6

7. GRANTS

Resource funding as principal investigator, 2008 - 2011: 19 MSEK

Resource funding as co-principal investigator, 2008 - 2011: 8 MSEK

8. PUBLICATIONS AND PATENTS

Total number of peer-reviewed publications: 39 since 1999

Total number of peer-reviewed publications, 2008 - 2011: 29

[Publications 2004 – Present \(As appears in DiVA\)](#)