



## CURRICULUM VITAE

### Manuel Baumann (B.Sc.)

Born on October 4<sup>th</sup>, 1986 in Berlin

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### EDUCATION

Since Aug 2011	Erasmus Mundus Master's Program COSSE at KTH Stockholm (1 <sup>st</sup> year) and TU Delft (2 <sup>nd</sup> year)
Oct 2008 – Aug 2011	Studies of Mathematics at TU Berlin; Bachelor Thesis: "Modelling and Simulation of Dispersions in Turbulent Flows"
Oct 2007 – Mar 2011	Studies of Scientific Engineering at TU Berlin; Bachelor Thesis: „Numerical Solution of the Vorticity Transport Equation on NVIDIA GPUs"
Aug 1999 – Jun 2006	„Abitur" certificate at Droste-Hülshoff-Gymnasium Berlin

### PROFESSIONAL EXPERIENCE

Feb 6-9, 2012	Participant of the 2 <sup>nd</sup> COSSE Workshop at FAU Erlangen-Nürnberg on Simulation in Health Care
Sept 15-17, 2010	Participant of the 4 <sup>th</sup> International Conference on Population Balance Modelling at Max-Planck-Institut, Magdeburg
Oct 2009 – Aug 2011	Student research assistant at the working group <i>Modelling, Numerics and Differential Equations</i> at TU Berlin: simulation and control of fluid/fluid dispersions
July – Oct 2009	Internship at DLR Braunschweig, C <sup>2</sup> A <sup>2</sup> S <sup>2</sup> E Department: coupled flow-structure simulations with MPI

### SCHOLARSHIPS AND AWARDS

Nov 25, 2011	First Price at Dies Mathematicus 2011 of TU Berlin for <i>Best Bachelor Degree</i> in Mathematics
Since Aug 2011	Erasmus Mundus scholarship holder, category B
Since May 2008	Scholarship holder of the Friedrich Ebert Foundation

### **LANGUAGE ABILITIES**

German: mother tongue

English: business fluent

French: fluent

### **ACTIVITIES / SOCIAL ENGAGEMENT**

Since Apr 2012

Skiing teacher at DSLV

Oct 2009 – Sep 2011

Speaker of the student working group Development  
Politics of the Friedrich Ebert Foundation

Sep 2006 – Jun 2007

Civil service at the hospital Emil von Behring, Berlin

Sports: jogging, tennis, skiing

Delft, November 25<sup>th</sup>, 2012