Universität Potsdam

URKUNDE

Faculty of Mathematics and Natural Sciences
HASSO-PLATTNER-INSTITUT für Softwaresystemtechnik GmbH
at the University Potsdam

Mr. Stephan Brumme
born on 27 December 1978 in Luckenwalde

has completed the degree of Bachelor

fulfilling all requirements with a final grade of

„ VERY GOOD “ .

With this examination, he is granted the academic degree of

Bachelor of Science in Software Engineering (BScSE)

Potsdam, 31th March 2003

Dean of the Faculty of Mathematics and
Natural Science
Prof. Dr. R. Seckler

Universität Potsdam
Seal 2

Chairperson of Study Committee of the
HASSO-PLATTNER-INSTITUT für
Softwaresystemtechnik GmbH
Prof. Dr.-Ing. S. Wendt

Grade system: 1,0–1,2 = outstanding; 1,3-1,4 = very good; 1,5-2,4 = good; 2,5-3,4 = satisfactory; 3,5-4,0 = marginal pass;

Faculty of Mathematics and Natural Sciences

CERTIFICATE

honoring achievements in the Bachelor course of studies in Software Systems Engineering

Mr. Stephan Brumme
born on 27.12.1978 in Luckenwalde

has successfully completed the Bachelor Course of studies at the HASSO-PLATTNER-INSTITUT für Softwaresystemtechnik GmbH an der Universität Potsdam with the following achievements:

Course by topic	**Lecturer**	**ECTS**	**Grade**
Application systems			
Application analysis	Prof. Dr. Wendt	12	
Seminar computer graphics	Prof. Dr. Döllner	3	A-
Free topics in informatics			
Computer graphics II	Prof. Dr. Döllner	9	A
User interfaces	Prof. Dr. Döllner	6	B+
Modelling of complex systems			
Modelling of complex systems I	Prof. Dr. Wendt	6	B
Modelling of complex systems II	Prof. Dr. Wendt	6	
Modelling of complex systems III	Prof. Dr. Wendt	6	
Modelling of complex systems IV	Prof. Dr. Wendt	6	
Software basic technology I	Prof. Dr. Liggesmeyer	6	B
Introduction into business administration			
Business structures and business processes I	Dr. Pampel	6	
Business structures and business processes II	Dr. Pampel	6	
Mathematics			
Discrete mathematics	Prof. Dr. Budach	6	B+
Analysis	Dr. Neidhardt	6	B+
Probability theory and statistics	Prof. Dr. Läuter	6	A
Basic software systems			
Computer graphics I	Prof. Dr. Döllner	9	A
Operating system architecture	Prof. Dr. Polze	6	
Communication systems	Prof. Dr. Zorn	6	B
Database systems	Prof. Dr. Weske	6	B

Grade system: outstanding: A,A-; good: B+, B, B-; satisfactory: C+, C , C-; marginal pass: D+, D; poor-failure: F

Software construction			
Software design I	Prof. Dr. Horn	6	A
Software design II	Prof. Dr. Horn	6	A-
Software construction I	Prof. Dr. Liggesmeyer	6	B+
Software construction II	Prof. Dr. Liggesmeyer	6	B+
Component programming and middleware	Prof. Dr. Polze	6	B+
Technical foundation of computer science			
Technical foundation of computer science I	Prof. Dr. Gössel	6	A
Technical foundation of computer science II	Prof. Dr. Gössel	6	A-
Theoretical foundation of computer science			
Theoretical foundation of computer science I	Prof. Dr. Budach	6	B
Theoretical foundation of computer science II	Prof. Dr. Budach	6	A
Other topics			
Turing Award Lectures	other institut	6	

Bachelor project:

Mr. Brumme has successfully completed the Bachelor project „ Interaktive Visualization of Radio Network Data in 3D City Models and 3D Landscape Models“ in the winter semester 2002.

On the basis of these results, the overall grade of

„ Very Good “

was awarded.

Potsdam, 31th March 2003

Chairperson of the Study Committee
HASSO-PLATTNER-INSTITUTs für Softwaresystemtechnik GmbH
Prof. Dr.-Ing. S. Wendt

Seal