

# UNIVERSITY OF TSUKUBA

This is to certify that María Alejandra Quirós Ramírez

of Republic of Costa Rica

born on April 30, 1985

having fulfilled all the requirements for the degree of

Doctor of Philosophy in Engineering

in the Doctoral Program in  
Intelligent Interaction Technologies

Graduate School of  
Systems and Information Engineering

of this University,

has been awarded that degree on this day,

November 30, 2014

Diploma No. HAKUHO 7156

President's Seal



Kyoosuke Nagata

President

Note: This is an official translation of the Japanese original.

No.201401115.

UNIVERSITY OF TSUKUBA  
Tsukuba Ibaraki 305-8577, Japan

## C E R T I F I C A T E

Name: María Alejandra Quirós Ramírez  
Date of Birth: April 30, 1985  
Student ID No.: 201130185  
Program: Graduate School of Systems and Information Engineering  
Major: Doctoral Program in Intelligent Interaction Technologies  
Degree Received: Doctor of Philosophy in Engineering

This is to certify that the above-mentioned student graduated from this program  
on November 30, 2014.

Date: November 30, 2014



Official Seal

Signature:

A handwritten signature in black ink, appearing to read 'Kyosuke Nagata'.

Kyosuke NAGATA  
President,  
University of Tsukuba

CERTIFICATE

Record of: Maria Alejandra Quirós Ramirez  
Date of Birth: April 30, 1985  
Student ID No: 201130185  
Program: Graduate School of Systems and Information Engineering  
Major: Doctoral Program in Intelligent Interaction Technologies  
Years Attended: From April 1, 2011 to November 30, 2014

Year	Subject	Credit	Grade
2011	Topics in Intelligent Interaction Technologies II	1.0	A
2011	Scientific Writing in English - Practice	1.0	A
2011	Research in Intelligent Interaction Technologies III	2.0	A
2012	Research in Intelligent Interaction Technologies IV	2.0	A
2012	Seminar in Intelligent Interaction Technologies VII (English Presentation Practice)	2.0	A
2013	Topics in Risk Engineering in Doctoral Program (Human Factor)	1.0	A
2013	Seminar in Intelligent Interaction Technologies VIII (Technical Writing Practice a)	2.0	A
2014	Research in Intelligent Interaction Technologies V	2.0	A+
	[Total Credits]	13.0	



Grading System until Academic Year 2012 : A(100-80), B(79-70), C(69-60), P(Passing), T(Transferred from other institution),  
Grading System from Academic Year 2013 : A+(100-90), A(89-80), B(79-70), C(69-60), P(Passing), T(Transferred from other institution).

Date: November 30, 2014



Official Seal

Signature:

A handwritten signature in black ink, appearing to read 'Kyosuke Nagata'.

Kyosuke NAGATA  
President,  
University of Tsukuba

# UNIVERSITY OF TSUKUBA

This is to certify that Quirós Ramírez María Alejandra

of Republic of Costa Rica

born on April 30, 1985

having fulfilled all the requirements for the degree of

Master of Engineering

in the Master's Program in  
Computer Science

Graduate School of

Systems and Information Engineering

of this University,

has been awarded that degree on this day,

March 25, 2011

Diploma No. SHU-KO 26499

President's Seal



*Nobuhiro Yamada*

Nobuhiro Yamada

President

Note: This is an official translation of the Japanese original.