

Student No. 17451385
Date of Birth: 16-OCT

UNIVERSITY OF HAWAII AT MĀNOA

Date Issued: 25-JAN-2018

2600 Campus Rd, 010, Honolulu, Hawaii 96822
manoa.hawaii.edu (808)956-8010

Page: 1

Record of: Michinari Sakai
60 N Nimitz Hwy Apt 1107
Honolulu, HI 96817

Issued To: MICHINARI SAKAI
15232 MARTHA ST APT 15
Van Nuys, CA 91411-3201

Course Level: Graduate

Comments:

SUN MOON UNIVERSITY, KOREA - BS 2005

Degree Awarded: Doctor of Philosophy 14-MAY-2016

Major : Physics

Dissertation

"High Energy Neutrino Analysis at Kamland
and Application to Dark Matter Search."

Chairperson-John Learned

SUBJ NO.	COURSE TITLE	CRED GRD	PTS R
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INSTITUTION CREDIT:

Fall 2007

ADMITTED - DOCTORAL PROGRAM 08/20/07

PHYS 400	Appl of Math in Physical Sci	3.00 A+	12.00
PHYS 610	Anlytical Mechanics I	3.00 A	12.00
Ehrs:	6.00 GPA-Hrs: 6.00	QPts:	24.00 GPA: 4.00

Spring 2008

PHYS 311	Theoretical Mechanics II	3.00 A	12.00
PHYS 430	Thermodynamics & Stat Mechanic	3.00 A-	11.10
PHYS 450	Electromagnetic Waves	3.00 A	12.00
Ehrs:	9.00 GPA-Hrs: 9.00	QPts:	35.10 GPA: 3.90

Fall 2008

PHYS 650	Electrodynamics I	3.00 A+	12.00
PHYS 670	Quantum Mechanics	3.00 A	12.00
Ehrs:	6.00 GPA-Hrs: 6.00	QPts:	24.00 GPA: 4.00

***** CONTINUED ON NEXT COLUMN *****

SUBJ NO.	COURSE TITLE	CRED GRD	PTS R
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Institution Information continued:

Spring 2009

PHYS 600	Methods of Theoretical Physics	3.00 A+	12.00
PHYS 651	Electrodynamics II	3.00 A	12.00
PHYS 671	Quantum Mechanics	3.00 A-	11.10
Ehrs:	9.00 GPA-Hrs: 9.00	QPts:	35.10 GPA: 3.90

Fall 2009

PHYS 460	Physical Optics	3.00 A	12.00
PHYS 690	Seminar	1.00 CR	0.00
PHYS 699	Directed Research	3.00 A	12.00
PHYS 711	Topics in Particles and Fields	3.00 A	12.00
PHYS 772	Quantum Field Theory I	3.00 A	12.00
Ehrs:	13.00 GPA-Hrs: 12.00	QPts:	48.00 GPA: 4.00

Spring 2010

PHYS 660	Advanced Optics	3.00 B+	9.90
PHYS 699	Directed Research	3.00 A	12.00
PHYS 712	Spec Tpc: Experimental Physics	3.00 A	12.00
PHYS 773	Quantum Field Theory II	3.00 A	12.00
Ehrs:	12.00 GPA-Hrs: 12.00	QPts:	45.90 GPA: 3.82

Fall 2010

COMPREHENSIVE EXAMINATION PASSED 11/24/10

PHYS 699	Directed Research	3.00 A	12.00
PHYS 777	Nuclear & Particle Physics I	3.00 A	12.00
Ehrs:	6.00 GPA-Hrs: 6.00	QPts:	24.00 GPA: 4.00

Spring 2011

PHYS 699	Directed Research	9.00 A	36.00
Ehrs:	9.00 GPA-Hrs: 9.00	QPts:	36.00 GPA: 4.00

ISSUED TO STUDENT

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Page: 2

Record of: Michinari Sakai

Level: Graduate

SUBJ NO. COURSE TITLE CRED GRD PTS R

Institution Information continued:

Ehrs: 6.00 GPA-Hrs: 6.00 QPts: 24.00 GPA: 4.00

Fall 2015

PHYS 800 Dissertation Research 9.00 S 0.00

Ehrs: 9.00 GPA-Hrs: 0.00 QPts: 0.00 GPA: 0.00

Spring 2016

Degree Conferred 05/14/16

PHYS 800 Dissertation Research 1.00 S 0.00

Ehrs: 1.00 GPA-Hrs: 0.00 QPts: 0.00 GPA: 0.00

***** TRANSCRIPT TOTALS *****

	Earned Hrs	GPA Hrs	Points	GPA
TOTAL INSTITUTION	149.00	138.00	548.10	3.97

	Earned Hrs	GPA Hrs	Points	GPA
TOTAL TRANSFER	0.00	0.00	0.00	0.00

***** END OF TRANSCRIPT *****

SUBJ NO. COURSE TITLE CRED GRD PTS R

Institution Information continued:

Fall 2011

PHYS 475 Electronics for Physicists 3.00 A 12.00

PHYS 699 Directed Research 6.00 A 24.00

Ehrs: 9.00 GPA-Hrs: 9.00 QPts: 36.00 GPA: 4.00

Spring 2012

PHYS 476 Mod Electronics for Physicists 3.00 A 12.00

PHYS 699 Directed Research 6.00 A 24.00

Ehrs: 9.00 GPA-Hrs: 9.00 QPts: 36.00 GPA: 4.00

Fall 2012

PHYS 699 Directed Research 6.00 A 24.00

Ehrs: 6.00 GPA-Hrs: 6.00 QPts: 24.00 GPA: 4.00

Spring 2013

PHYS 699 Directed Research 9.00 A 36.00

Ehrs: 9.00 GPA-Hrs: 9.00 QPts: 36.00 GPA: 4.00

Fall 2013

PHYS 699 Directed Research 12.00 A+ 48.00

Ehrs: 12.00 GPA-Hrs: 12.00 QPts: 48.00 GPA: 4.00

Spring 2014

PHYS 699 Directed Research 9.00 A 36.00

Ehrs: 9.00 GPA-Hrs: 9.00 QPts: 36.00 GPA: 4.00

Fall 2014

PHYS 699 Directed Research 9.00 A+ 36.00

Ehrs: 9.00 GPA-Hrs: 9.00 QPts: 36.00 GPA: 4.00

Spring 2015

PHYS 699 Directed Research 6.00 A 24.00

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ISSUED TO STUDENT

REGISTRAR

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THE COLLEGE NAME APPEARS IN GREEN PRINT ACROSS THE FACE OF THIS RECORD

TRANSCRIPT RECORD

SUN MOON UNIVERSITY

No. B06-7745
Date. June 21, 2006

Name	sex	Date of Birth	Date of Admission				Subject	Grade	Credits	Grade	Credits
SAKAI MICHINARI	Male		graduation								
Department	NATURAL SCIENCE		August 19, 2005								
Subject	Grade	Credits	Subject	Grade	Credits						
Total recognition: 0			Introduction to Modern Optics	A+	3	Differential Geometry					
2001 Year 1st Semester			Real Analysis I	A	3	Abstract Algebra I					
Bible and Divine Principle I	B+	2	Analytical Geometry	A+	3	Unification Thought					
Chapel	P		Chinese I	A+	3						
Calculus I	A+	3	Finerart Life	A+	2	Total					
General Chemistry I	A+	3	Total	4.35	20	Total Credits : 159					
Information Processing I	A+	3	2003 Year 2nd Semester			Points : 688.0					
The Understanding of Myungsimbogam	A+	3	Chapel	P		Total Grade Average : 4.33(95.8/100)					
General English I	A+	3	Japanese II	A+	3						
General Physics and Physics Experiment I	A+	3	Introduction to Quantum Mechanics	A+	3						
Total	4.4	20	Application of Photo-electrical Experiments	A+	3						
			Differential Equations	A+	3						
			Laser Physics I	A+	3						
			Real Analysis II	A+	3						
			Em-Yang constitution and health	B+	2						
2001 Year 1st Semester	A+	2	Total	4.4	20						
AUF International Fellowship Program			2004 Year 1st Semester								
Total	4.5	2	Chapel	P							
			Solid State Physics	A+	3						
2001 Year 2nd Semester	A+	2	Experiments in Physical Properties of Materials I	A+	3						
Bible and Divine Principle II	P		Introduction to Material Science	A+	3						
Chapel	A+	3	Linear Algebra	A+	3						
Science and Philosophy	A+	3	Number Theory	A+	3						
Introduction To The Creativity	B+	3	C Programming Language	A	2						
Information Processing II	A+	3	Discrete Mathematics	A+	3						
General Physics and Physics Experiment II	A+	3	Total	4.35	20						
General Chemistry II	A+	3	2004 Year 2nd Semester								
Calculus II	A+	3	Applied Linear Algebra	P							
Total	4.35	20	Advanced Calculus	A+	3						
			Statistics	A+	3						
2002 Year 2nd Semester			Numerical Analysis	A+	3						
Chapel	P		Digital Control Lab.	B+	3						
Electromagnetic Engineering	A+	3	Fuzzy Theory	B	3						
Introduction to Mathematical Physics II	A+	3	Total	3.9	20						
Digital Circuits Lab.	A+	2	2005 Year 1st Semester								
Vacuum Science	B	3	Assemble and Application of PC	P							
Contemporary Modern Western Philosophy	B+	3	Actuarial Mathematics	A+	3						
Digital Circuit	A+	3	Special Topics in Advanced Materials	A+	3						
Korea Global Issues	B	3	Chinese II	A	3						
Total	3.9	20									
2003 Year 1st Semester											
Chapel	P										
Sensor and Vacuum Experiments	A+	3									
Thermal and Statistical Mechanics	A	3									

Remarks:

1. Hours-Per-Week :
50 Minutes class work per week for 1 semester makes 1 credits. (100 minutes of laboratory work per week for 1 semester makes 1 credit)
2. Week-Per-Year :
16 weeks make 1 semester and 2 semesters a year
3. Grade Points :
A+ =95-100, A=90-94, B+ =85-89, B=80-84
C+ =75-79, C=70-74, D+ =65-69, D=60-64
The lowest passing grade is D (60)

Bongtae Ki
BONG TAE KIM
President