Student No. 17451385 Date of Birth: 16-OCT

<u>HE COLLEGE NAME APPEARS IN GREEN PRINT ACROSS THE FACE OF THIS RECORD</u>

## UNIVERSITY OF HAWAI'I AT MĀNOA

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

Page:

Record of: Michinari Sakai

60 N Nimitz Hwy Apt 1107

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

Honolulu, HI 96817

Course Level: Graduate			SUBJ NO.	COURSE TITLE	CRED GRD	PTS R			
				Institution Information continued:					
Comments:	THE WEALTHAIR AT MA		PARKET		ALIANAMINA MARKICA				
SUN MOON UNIVE	RSITY, KOREA - BS 2005			Spring 2009					
AWAITAI			AVIA	PHYS 600 A	Methods of Theoretical Physics	3.00 A+	12.00		
Degree Awarded	: Doctor of Philosophy 14-MAY-2	2016		PHYS 651	Electrodynamics II	3.00 A	12.00		
м	ajor : Physics			PHYS 671	Quantum Mechanics	3.00 A-	11.10		
				Ehrs:	9.00 GPA-Hrs: 9.00 QPts:	35.10 GPA:	3.90		
Dissertation		PARET.		THE WAR					
"High Energy N	Meutrino Analysis at Kamland								
and Application to Dark Matter Search."				Fall 2009					
HAWAWA TURK ARREST	AMERICAN PROPERTY.	#X57		PHYS 460	Physical Optics	3.00 A	12.00		
Chairperson-Jo	hn Learned			PHYS 690	Seminar	1.00 CR	0.00		
SUBJ NO.	COURSE TITLE	CRED GRD	PTS R	PHYS 699	Directed Research	3.00 A	12.00		
7777 - 1907 - 1907 - 1907 - 1907 - 1907 - 1907 - 1907 - 1907 - 1907 - 1907 - 1907 - 1907 - 1907 - 1907 - 1907				PHYS 711	Topics in Particles and Fields	3.00 A	12.00		
				PHYS 772	Quantum Field Theory I	3.00 A	12.00		
INSTITUTION CREDIT:			Ehrs:	13.00 GPA-Hrs: 12.00 QPts:	48.00 GPA:	4.00			
Fall 2007				Spring 2010					
ADMITTED - DOC	TORAL PROGRAM 08/20/07			PHYS 660	Advanced Optics	3.00 B+	9.90		
PHYS 400	Appl of Math in Physical Sci	3.00 A+	12.00	PHYS 699	Directed Research	3.00 A	12.00		
A PHYS 610 A T	Anlytical Mechanics I	3.00 A	12.00	PHYS 712	Spec Tpc: Experimental Physics	3.00 A	12.00		
Ehrs:	6.00 GPA-Hrs: 6.00 QPts:	24.00 GPA:	4.00	PHYS 773	Quantum Field Theory II	3.00 A	12.00		
				Ehrs:	12.00 GPA-Hrs: 12.00 QPts:	45.90 GPA:	3.82		
Spring 2008					garlif in the state of the state of	white was			
PHYS 311	Theoretical Mechanics II	3.00 A	12.00		titing i ale by Elejid				
PHYS 430	Thermodynamics & Stat Mechanic	3.00 A-	11,10	Fall 2010					
PHYS 450	Electromagnetic Waves	3.00 A	12.00	COMPREHENSIVE	EXAMINATION PASSED 11/24/10		ABEAA		
Ehrs:	9.00 GPA-Hrs: 9.00 QPts:	35.10 GPA:	3.90	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		
_Fall 2008 _									
PHYS 650	Electrodynamics I	3.00 A+	12.00						
PHYS 670	Quantum Mechanics	3.00 A	12.00	Spring 2011					
Ehrs:	6.00 GPA-Hrs: 6.00 QPts:	24.00 GPA:	4.00	PHYS 699	Directed Research	9.00 A	36.00		
$\triangle AAAAII \triangle I$	WAYNIAW E WHISTWEELS	100	A ALAS	Ehrs.	9 00 GPA-Hrs: 9 00 OPts:	36.00 GPA:	4.00		

AEGISTHAN

ISSUED TO STUDENT

In accordance with the Family Educational Rights and Privacy Act of 1974, as Amended, this document may not be released to others without the written consent of the student.

This is an official transcript only if printed on secure green paper. A raised seal is not required. When photocopied the word COPY should appear. A BLACK ON WHITE OR COLOR COPY SHOULD NOT BE ACCEPTED. Transcripts issued to students will have "ISSUED TO STUDENT" stamped prominently across each page.

2600 Campus Rd, 010, Honolulu, Hawaii 96822

manoa.hawaii.edu (808)956-8010

SUBJ

PTS R

0.00 0.00

0.00 0.00

CRED GRD

Date Issued: 25-JAN-2018

SUB Ins THE COLLEGE NAME APPEARS IN GREEN PRINT ACROSS THE FACE OF THIS RECORD Pal PHY PHY Spi PHY PHY Fa. PH Sp PH Fall 2013 PHYS 699 Directed Research Ehrs: 12.00 GPA-Hrs: 12.00 Spring 2014 PHYS 699 Ehrs: Fall 2014 PHYS 699 Ehrs: 9.00 GPA-Hrs: 9.00

Student No.

Date of Birth: 16-OCT

17451385

Record of: Michinari Sakai

Level: Graduate

The state of the s								
VALLAT			AWAT	Institution Informat	ion continu	ued:		10 TE
				Ehrs: 6.00	GPA-Hrs: 6	.00 QPts	24.00	GPA:
BJ NO.	COURSE TITLE	CRED GRD		Fall 2015 PHYS 800 Disse	rtation Re	search	) F HA	00 S
stitution In	formation continued:			Ehrs: 9.00				
Heat Tell All F				LATERATION				VEET
11 2011					AND WILLIAM			
YS 475	Electronics for Physicists	3.00 A	12 00		EVENT TO SER	MAN AN AN		A VIEW
YS 699	Directed Research	6.00 A	24.00	Spring 2016	H-1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			MAIAI
Ehrs:	9.00 GPA-Hrs: 9.00 QPts:	36.00 GPA:	4.00	Degree Conferred 05/	14/16			
	A W HOLD STREET TOWNS THE			DHVS 800 Disse	ertation Re	search	1.	00 S
				Ehrs: 1.00	GPA-Hrs: 0	.00 QPts	0.0	O GPA:
oring 2012								
IYS 476	Mod Electronics for Physicists	s 3.00 A	12.00	******************				
YS 699	Directed Research	6.00 A	24.00	Et				
	9.00 GPA-Hrs: 9.00 QPts:			TOTAL INSTITUTION	149.00	138.00	548.10	3.97
WATE AIR	WATE OF THE PERSONS				0.00		0.00	0.00
						20120		
all 2012				***********	*** END OF	TRANSCRIPI		
	Directed Research				A TWEET			HALA
Phrs:	6.00 GPA-Hrs: 6.00 OPts:	24.00 GPA:	4.00					
pring 2013								97-11-15 97-11-15
HVS 699	Directed Research	9.00 A	36.00		1 PVNE San		- Avail	
Physic	9.00 GPA-Hrs: 9.00 QPts:	36.00 GPA:	4.00		\$ authority	or other families	# 2 5 5	
WINE MISE								

Directed Research 9.00 GPA-Hrs: 9.00

9.00 A 36.00 GPA:

12.00 A+

48.00 GPA:

QPts:

36.00 4.00

48.00

4.00

Directed Research

9.00 A+ 36.00 GPA:

36.00 4.00

Spring 2015 PHYS 699

Directed Research

6.00 A

24.00

REGISTRAR

In accordance with the Family Educational Rights and Privacy Act of 1974, as Amended, this document may not be released to others without the written consent of the student.

CONTINUED ON NEXT COLUMN

This is an official transcript only if printed on secure green paper. A raised seal is not required. When photocopied the word COPY should appear. A BLACK ON WHITE OR COLOR COPY SHOULD NOT BE ACCEPTED. Transcripts issued to students will have "ISSUED TO STUDENT" stamped prominently across each page.