



UNIVERSIDAD TECNICA
FEDERICO SANTA MARIA

CURRICULUM OF MANAGEMENT TEAM MEMBERS

EXISTING MANAGING PERSONNEL OF UTFSM

N R	NAME	POSITION	UNIVERSITY DEPENDENCY	CONTRACT TYPE	PROJECT DEPENDENCY	DEDICATI ON (MONTHLY HOURS)
1	DARCY FUENZALIDA	PRESIDENT	PRESIDENT	FULL TIME	SUPERIOR INSTITUTIONAL BOARD	5
2	JAIME PERRY	VICE CHANCELLOR FOR ECONOMIC AND ADMINISTRATIVE AFFAIRS	VICE CHANCELLOR FOR ECONOMIC AND ADMINISTRATIVE AFFAIRS	FULL TIME	SUPERIOR INSTITUTIONAL BOARD	5
3	GERARDO RIQUELME	GENERAL DIRECTOR FOR PLANNING AND DEVELOPMENT	GENERAL DIRECTOR FOR PLANNING AND DEVELOPMENT	FULL TIME	SUPERIOR INSTITUTIONAL BOARD	5
4	EUGENIO GONZÁLEZ	VICE CHANCELLOR FOR ACADEMIC AFFAIRS	VICE CHANCELLOR FOR ACADEMIC AFFAIRS	FULL TIME	ASSOCIATE DIRECTOR	12
5	NN	FACULTY MEMBER	-	FULL TIME	ACADEMIC ASSOCIATE DIRECTOR	90
6	HUGO ALARCÓN	FACULTY MEMBER	DIRECTOR FOR TEACHING AND LEARNING	FULL TIME	PILLAR LEADER - ENGINEERING EDUCATION	64
7	CLAUDIO AGUILAR	FACULTY MEMBER	DIRECTOR GRADUATE SCHOOL	FULL TIME	PILLAR LEADER - GRAND CHALLENGES	16
8	PATRICIO NÚÑEZ	FACULTY MEMBER	DIRECTOR INSTITUTIONAL OUTREACH	FULL TIME	PILLAR LEADER - NETWORKS	16
9	LORNA GUERRERO	FACULTY MEMBER	GENERAL DIRECTOR FOR RESEARCH, INNOVATION AND GRADUATE STUDIES	FULL TIME	PILLAR LEADER - GOVERNANCE	16
10	MANUEL YOUNG	RESEARCHER	DIRECTOR OF RESEARCH AND INNOVATION PROJECTS	FULL TIME	PILLAR LEADER - LIASON	64
11	NN	ASSOCIATE GENERAL MANAGER	OPERATIONAL CONTROL UNIT COORDINATOR	FULL TIME	ASSOCIATE GENERAL MANAGER	176
12	PATRICIA YAÑEZ	PROJECT ENGINEER FOR PLANNING AND DEVELOPMENT	ENGINEERING OPERATIONAL CONTROL UNIT	FULL TIME	ENGINEER OPERATIONAL CONTROL UNIT	176
13	NN	PROJECT ENGINEER FOR PLANNING AND DEVELOPMENT	ENGINEERING OPERATIONAL CONTROL UNIT	FULL TIME	ENGINEER OPERATIONAL CONTROL UNIT	176
14	NN	FINANCIAL ASSISTANT	ENGINEERING OPERATIONAL CONTROL UNIT	FULL TIME	ENGINEER OPERATIONAL CONTROL UNIT	176
15	ARIE AIZMAN	FACULTY MEMBER	DEPARTMENT OF CHEMISTRY	FULL TIME	PROJECT LEADER 1.1	32
16	LEONHARD BERNOLD	FACULTY MEMBER	DEPARTMENT OF CIVIL	FULL TIME	PROJECT STAFF	32
17	LUIS FELIPE GONZALEZ	FACULTY MEMBER	DEPARTMENT OF ARCHITECTURE	FULL TIME	PROJECT STAFF	32
18	CECILIA RITCHIE	RESPONSIBLE DIDACTICOS RESOURCES, CICE	DIRECTORATE FOR TEACHING AND LEARNING	FULL TIME	PROJECT STAFF	32
19	PABLO PRIETO	FACULTY MEMBER	CAREER OF ENGINEERING DESIGN PRODUCTS	FULL TIME	PROJECT LEADER 1.2B	32
20	MARCOS ZUÑIGA	FACULTY MEMBER	DEPARTMENT OF ELECTRONICS	FULL TIME	PROJECT STAFF	32
21	WERNER CREIXEL	FACULTY MEMBER	DEPARTMENT OF ELECTRONICS	FULL TIME	PROJECT STAFF	32
22	KAROL TRAUTMANN	DIRECTOR OFFICE OF INTERNATIONAL AFFAIRS (OAI)	DIRECTOR OFFICE OF INTERNATIONAL AFFAIRS (OAI)	FULL TIME	PROJECT LEADER 1.3	32

**CURRICULUM OF MANAGEMENT TEAM
MEMBERS - UTFSM**

23	CESAR SILVA	FACULTY MEMBER	DEPARTMENT OF ELECTRONICS	FULL TIME	PROJECT STAFF	32
24	RICARDO SIMPSON	FACULTY MEMBER	DEPARTMENT OF CHEMICAL AND ENVIRONMENTAL ENGINEERING	FULL TIME	PROJECT LEADER 1.4	32
25	KAREM TELLO	FACULTY MEMBER	DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING	FULL TIME	PROJECT STAFF - COORDINADOR WOMEN IN ENGINEERING	32
26	CELIN MORA	FACULTY MEMBER	ACADEMIC COORDINATOR, INTRODUCTORY PLAN FOR ENGINEERING STUDIES	FULL TIME	PROJECT STAFF - COORDINADOR PRELIMINARY PROGRAM IN ENGINEERING	32
27	RICARDO HENRIQUEZ	FACULTY MEMBER	DEPARTMENT OF PHYSICS	FULL TIME	PROJECT STAFF - COORDINADOR TALENTS PROGRAM	32
28	ANDRÉS FUENTES	FACULTY MEMBER	DEPARTMENT OF INDUSTRIES (BUSINESS)	FULL TIME	PROJECT LEADER 2.3	32
29	CARLOS ROSALES	FACULTY MEMBER	DEPARTMENT OF MECHANICAL ENGINEERING	FULL TIME	PROJECT STAFF	32
30	CAROLINA URBINA	DIRECTOR OF GRADUATE AND PROFESSIONAL PROGRAMS	DIRECTORATE GRADUATE SCHOOL	FULL TIME	PROJECT STAFF	32
31	RAÚL STEIGMAGER	FACULTY MEMBER	DEPARTMENT OF INDUSTRIES (BUSINESS)	FULL TIME	PROJECT LEADER 4.1	32
32	CARLOS AGUIRRE	FACULTY MEMBER	DIRECTOR OF CENTERS, AND INSTITUTES OF RESEARCH AND INNOVATION	FULL TIME	PROJECT STAFF	32
33	DANIEL RAMÍREZ	FACULTY MEMBER	DEPARTMENT OF CHEMICAL AND ENVIRONMENTAL ENGINEERING	FULL TIME	PROJECT LEADER 4.3	32
34	WERNER KRISTJANPOLLER	FACULTY MEMBER	DIRECTOR 3IE AND FACULTY MEMBER OF DEPARTMENT OF INDUSTRIES (BUSINESS)	FULL TIME	PROJECT STAFF	32
35	FRANCISCO SOTO	PROJECT MANAGER OTL 2	DIRECTORATE OF RESEARCH AND INNOVATION PROJECTS	FULL TIME	PROJECT STAFF	32
36	LUIS SALINAS	RESEARCHER	CCTVAL CENTER	FULL TIME	PROJECT LEADER 5.4	32
37	CHRISTOPHER NIKULIN	FACULTY MEMBER	CAREER OF ENGINEERING DESIGN PRODUCTS	FULL TIME	PROJECT STAFF	32
38	JAVIER CAÑAS	FACULTY MEMBER	DEPARTMENT OF COMPUTER SCIENCE	FULL TIME	PROJECT STAFF	32
39	SERGIO MURÚA	EXECUTIVE DIRECTOR PROJECTS IT DEVELOPMENT CENTER	DEPARTMENT OF COMPUTER SCIENCE	FULL TIME	PROJECT STAFF	32
40	JORGE PONTT	FACULTY MEMBER	DEPARTMENT OF ELECTRONICS	FULL TIME	PROJECT LEADER 5.5	32
41	MARIO TOLEDO	FACULTY MEMBER	DIRECTOR OF DEPARTMENT OF MECHANICAL ENGINEERING	FULL TIME	PROJECT STAFF	32
42	PEDRO SERRANO	FACULTY MEMBER	DEPARTMENT OF ARCHITECTURE	FULL TIME	PROJECT STAFF	32
43	HUGO VILLAROEL	GENERAL DIRECTOR FOR PUBLIC AFFAIRS & COMMUNICATIONS	DIRECTORATE GENERAL FOR PUBLIC AFFAIRS & COMMUNICATIONS	FULL TIME	COMMUNICATIONAL SUPPORT	8
44	MARÍA ALICIA GARCÍA	EXECUTIVE COORDINATOR FOR PLANNING AND DEVELOPMENT	DIRECTORATE GENERAL FOR PLANNING AND DEVELOPMENT	FULL TIME	STRATEGIC SUPPORT	8
45	JUAN DÍAZ	COORDINATOR, OFFICE OF INSTITUTIONAL ANALYSIS AND	DIRECTORATE GENERAL FOR PLANNING AND DEVELOPMENT	FULL TIME	DATA SUPPORT	8

**CURRICULUM OF MANAGEMENT TEAM
MEMBERS - UTFSM**

		ASSESSMENT				
46	VANESSA MAMANI	DIRECTOR FOR BUDGET & ACCOUNTING	VICE CHANCELLORY FOR ECONOMIC AND ADMINISTRATIVE AFFAIRS	FULL TIME	BUDGET SUPPORT	8
47	CONSTANZA MORALES	EXECUTIVE ASSISTANT- OFFICE OF THE VICE CHANCELLORY FOR ACADEMIC AFFAIRS	VICE CHANCELLORY FOR ACADEMIC AFFAIRS	FULL TIME	ACADEMIC SUPPORT	8
48	ANA MARÍA OLIVA	COORDINATOR PROJECT CONTROL UNIT (UCP)	COORDINATOR PROJECT CONTROL UNIT (UCP)	FULL TIME	FINANCIAL SUPPORT	8

DARCY FUENZALIDA

POSITION IN THE PROJECT: SUPERIOR INSTITUTIONAL BOARD OF CONSORTIUM				
LAST NAME		SECOND LAST NAME		NAMES
FUENZALIDA		O'SHEE		DARCY
DATE OF BIRTH		E-MAIL		PHONE FAX
19/12/1956		DARCY.FUENZALIDA@USM.CL		32-0654140
RUT ID \$ TAX NUMBER		PRESENT POSITION		
6.888.256-7		PRESIDENT		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		
ACADEMIC BACKGROUND				
TITLES AND DEGREES		UNIVERSITY	COUNTRY	YEAR OBTAINED
MBA INTERNATIONAL		UNIVERSIDAD POLITÉCNICA DE CATALUÑA, BARCELONA	SPAIN	2007
DOCTOR IN BUSINESS		UNIVERSIDAD DE LLEIDA	SPAIN	2004
MASTER IN SOCIAL EVALUATION OF PROJECTS		PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE	CHILE	1987
CHEMICAL CIVIL ENGINEER		UTFSM	CHILE	1981
PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)				
INSTITUTION	POSITION			FROM TO
UTFSM	PRESIDENT, SUPERIOR COUNCIL MEMBER AND ACADEMIC COUNCIL			2014 PRESENT
UTFSM	FACULTY MEMBER OF BUSINESS ADMINISTRATION			
UTFSM	DIRECTOR DEPARTMENT OF INDUSTRY			
OTHER INFORMATION				
AWARDS AND HONORS				
<ul style="list-style-type: none"> 2015-2012. REFEREE ASSESSOR OF JOURNAL ARTICLES ISI "ACADEMY", AMERICAN JOURNAL OF DIRECTORS. 2015-2010. MIEMBRO ACTIVE EDITORIAL BOARD OF THE JOURNAL OF THE SCHOOL OF MANAGEMENT EAFIT UNIVERSITY MINISTER-AD-MEDELLIN, COLOMBIA. PROFESSOR WORKING WITH THE MAGAZINE FROM YOUR ISSUE NO. 17, JULY-DECEMBER SEMESTER 2010. 2015-2010. APPLICATIONS EVALUATOR PHD GRANTS ABROAD. CHILE SCHOLARSHIPS. ADVANCED TRAINING OF HUMAN CAPITAL. NATIONAL COMMISSION FOR SCIENTIFIC AND TECHNOLOGICAL (CONICYT). 2015-2009. EVALUATOR SCHOLARSHIP APPLICATIONS A MASTER IN ABROAD. CHILE SCHOLARSHIPS. ADVANCED HUMAN CAPITAL FORMATION CONICYT. 				
RELEVANT PROJECTS, LAST 3 YEARS.				
<ul style="list-style-type: none"> 2012-2011. HEAD OF RESEARCH PROJECT 11/28/24 USM "TESTS ON EMERGING MARKETS FINANCIAL, VALUE CREATION IN THE COMPANY." 2011-2000. FONDECYT PROJECT MANAGER "SEED CAPITAL VALUATION OF PROJECT IN LATINAMERICA. CONICYT 2009. 2010-2009. HEAD OF RESEARCH PROJECT OF THE UNIVERSITY FEDERICO SANTA MARIA "TESTS ON EMERGING MARKETS LATIN AMERICAN FINANCIAL CONT." 2008 HEAD OF RESEARCH PROJECT 28/08/34 USM "TESTS ON FINANCIAL LATIN AMERICAN EMERGING MARKETS." 				
REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)				
<ul style="list-style-type: none"> 2015. MONGRUT S., D. FUENZALIDA, C. CUBILLAS & J. CUBILLAS. "DETERMINANTS OF WORKING CAPITAL MANAGEMENT IN LATIN AMERICAN COMPANIES", INNOVAR, VOL.24, N°51, PAG. 5-18, 2014. JOURNAL ISI. 2013. FUENZALIDA D., S. MONGRUT, J. ARTEAGA & A. EURASQUIN. GOOD CORPORATE GOVERNANCE: DOES IT PAY IN PERU. "JOURNAL OF BUSINESS RESEARCH". JOURNAL OF BUSINESS RESEARCH, VOL.66, N°10, PAG. 1759-1790, 2013. JOURNAL ISI. 2011. MONGRUT S., FUENZALIDA D., ALBERTI F. Y AKAMINE M. "DETERMINANTS OF CORPORATE INSOLVENCY IN PERU. ACADEMY OF DIRECTORS LATIN AMERICAN JOURNAL, 41 (2011), P. 126-139. JOURNAL ISI. 2007. D. FUENZALIDA, S. MONGRUT & M. NASH. "ASSESSMENT OF PROJECTS IN CAPITAL MARKETS INCOMPLETE" QUARTER ECONOMIC, VOL. LXXIV, NO. 292 (JANUARY - MARCH 2007) PAG. 69-121, MEXICO. JOURNAL ISI. 				

JAIME PERRY

POSITION IN THE PROJECT: SUPERIOR INSTITUTIONAL BOARD OF CONSORTIUM				
LAST NAME		SECOND LAST NAME		NAMES
PERRY		JUNGK		JAIME ALFREDO
DATE OF BIRTH		E-MAIL		PHONE FAX
		JAIME.PERRY@USM.CL		32-2654130
RUT ID \$ TAX NUMBER		PRESENT POSITION		
5.392.633-9		VICE CHANCELLOR FOR ECONOMIC AND ADMINISTRATIVE AFFAIRS		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		
ACADEMIC BACKGROUND				
TITLES AND DEGREES		UNIVERSITY	COUNTRY	YEAR OBTAINED
BUSINESS ADMINISTRATION / INGENIERÍA COMERCIAL		UNIVERSIDAD DE VALPARAÍSO		
PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)				
INSTITUTION		POSITION	FROM	TO
REGIONAL COUNCIL OF VALPARAISO		REGIONAL ADVISOR (CORE)	2014	PRESENT
VALPARAISO PORT COMPANY		DIRECTOR	2010	2014
UTFSM		SENIOR ADVISOR ON BEHALF OF PRESIDENT OF THE REPUBLIC	2010	2014
ENERGY SCHWAGER S.A		GENERAL MANAGER	2006	2008
CHILEAN NAVY		NAVY OFFICIAL		
OTHER INFORMATION				
AWARDS AND HONORS				
<ul style="list-style-type: none"> GREAT NAVAL SCHOOL AWARD; FIRST SENIORITY, CHILEAN NAVY GRADUATE DEGREE IN BUSINESS ADMINISTRATION WITH DISTINCTION, UNIVERSIDAD DE VALPARAÍSO DIPLOMA OUTSTANDING SENIOR FINANCE EXECUTIVES, UNIVERSIDAD ADOLFO IBÁÑEZ SUPPLY SPECIALIST; FIRST SENIORITY, POLYTECHNIC NAVY ACADEMY 				
EXPERIENCE IN TECHNOLOGIES AND SPECIFIC AREAS OF OTHER ENTERPRISES				
<ul style="list-style-type: none"> 2004, IV INTERNATIONAL SEMINAR OF HAZELNUT IN SPAIN TERRAGONA 1999, FOUNDING "FUTURO EMPRENDEDOR" FOUNDATION TO DEVELOP THE ABILITY TO ENTREPREURSHIP IN CHILDREN AND YOUNG PEOPLE, FROM PRE-BASIC EDUCATION. BASIC AND SECONDARY EDUCATION. 1998, FOUNDING FAMILY COMPANIES: SAN PANCRACIO LTDA, JPET GLOBAL TRADING S.A AND GOLDBERG S.A 1997, GENERAL MANAGER, SANTA ISABEL S.A 1993, VICEPRESIDENT SANTA ISABEL SUPERMARKER 1990, ADMINISTRATION AND FINANCE MANAGER SANTA ISABEL SUPERMARKER 1987, INTERMEC COMPANY FOUNDER FOR HIGH-TECH DEVELOPMENT IN THE FIELD OF INTERFACE MECHANISMS FOR AUTOMATIC DATA ENTRY. 1987, DATALAND COMPANY FOUNDER FOR DEVELOPING MANAGEMENT APPLICATIONS FOR AUTOMATIC DATA ENTRY HIGH-TECHNOLOGY COMPANIES. 1986, INFOGEST COMPANY FOUNDER FOR THE DEVELOPMENT OF HIGH-TECH APPLICATIONS LOGISTICS IN BUSINESS ADMINISTRATION 1985, HE ENTERED TO CHILE THE BARCODE APPLICATIONS FOR LOGISTICS AND COMMERCIAL APPLICATIONS OF HIGH TECHNOLOGY MANAGEMENT. 				
REPRESENTATIVE AND AGENT HAZEL EUROPEAN PRODUCERS OF OREGON STATE USA.				

GERARDO RIQUELME

POSITION IN THE PROJECT: SUPERIOR INSTITUTIONAL BOARD OF CONSORTIUM				
LAST NAME		SECOND LAST NAME		NAMES
RIQUELME		DELGADO		GERARDO
DATE OF BIRTH		E-MAIL		PHONE FAX
20 JUNIO 1944		GERARDO.RIQUELME@USM.CL		82596629
RUT ID \$ TAX NUMBER		PRESENT POSITION		
4.649.289-7		GENERAL DIRECTOR FOR PLANNING AND DEVELOPMENT		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		
ACADEMIC BACKGROUND				
TITLES AND DEGREES		UNIVERSITY	COUNTRY	YEAR OBTAINED
PH. D. IN CHEMICAL ENGINEERING		UNIVERSIDAD DE PITTSBURG	USA	1980
MASTER OF SCIENCE IN CHEMICAL ENGINEERING		UNIVERSIDAD DE PITTSBURG	USA	1974
CHEMICAL CIVIL ENGINEER		UTFSM	CHILE	1972
PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)				
INSTITUTION	POSITION			FROM TO
UTFSM	GENERAL DIRECTOR OF PLANNING AND DEVELOPMENT			2002 PRESENT
UTFSM	PROFESSOR DEPARTMENT OF CHEMICAL AND ENVIRONMENTAL ENGINEERING, CIVIL ENGINEERING CAREERS ENVIRONMENTAL CHEMISTRY AND CIVIL ENGINEERING.			1970 2010
UTFSM	ACADEMIC EVALUATION COMMITTEE PRESIDENT OF THE UNIVERSITY			1994 1997
OTHER INFORMATION				
RELEVANT PROJECTS				
<ul style="list-style-type: none"> INVESTIGATOR OF THE PROJECT NATIONAL RESEARCH FUND FOR SCIENCE AND TECHNOLOGY, FONDECYT NO. 1950552 (1995-1997) "STUDY TECHNOLOGY DRYING FISH MEAL FOR HIGH QUALITY PRODUCT, MINIMIZING ENVIRONMENTAL IMPACT." PRINCIPAL INVESTIGATOR NATIONAL RESEARCH PROJECT BACKGROUND OF SCIENCE AND TECHNOLOGY (1990-1993) "THEORETICAL-EXPERIMENTAL STUDY, AND INDUSTRIAL PILOT SCALE OF DRYING SOLID MECHANISM OF NATIONAL INTEREST". 				
REPRESENTATIVE PUBLICATIONS				
<ul style="list-style-type: none"> MORE THAN 60 INTERNATIONAL CONFERENCES AND PRESENTATIONS 8 PUBLICATIONS. 				

EUGENIO GONZÁLEZ

POSITION IN THE PROJECT: ASSOCIATE DIRECTOR AND SUPERIOR INSTITUTIONAL BOARD OF CONSORTIUM				
LAST NAME		SECOND LAST NAME		NAMES
GONZÁLEZ		VERGARA		EUGENIO
DATE OF BIRTH		E-MAIL		PHONE FAX
17/05/1949		EUGENIO.GONZALEZ@USM.CL		32-2654142
RUT ID \$ TAX NUMBER		PRESENT POSITION		
5.061.941-9		VICE CHANCELLOR FOR ACADEMIC AFFAIRS		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		
ACADEMIC BACKGROUND				
TITLES AND DEGREES		UNIVERSITY	COUNTRY	YEAR OBTAINED
MECHANICAL CIVIL ENGINEER		UNIVERSIDAD TÉCNICA FEDERICO SANTA MARÍA	CHILE	1973
DOCTOR IN MECHANICAL SCIENCE		TECHNISCHE HOCHSCHULE AACHEN	GERMANY	1978
PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)				
INSTITUTION	POSITION			FROM TO
UTFSM	FACULTY MEMBER OF DEPARTMENT OF MECHANICAL			1972 PRESENT
UTFSM	DIRECTOR DEPARTMENT OF MECHANICAL ENGINEERING			2010 2013
UTFSM	GENERAL DIRECTOR OF RESEARCH AND GRADUATE.			2001 2005
UTFSM	GENERAL DIRECTOR OF TECHNICAL ASSISTANCE			1996 2005
UTFSM	HEAD OF CAREER MECHANICAL ENGINEERING			1984 1987
OTHER INFORMATION				
RELEVANT PROJECTS, LAST 3 YEARS.				
<ul style="list-style-type: none"> 2012-2014. PROJECT MANAGER UTFSM "RECOVERY PROCESS AUTOMATION TURBINE BLADE PELTON" 2010-2011. PROJECT MANAGER UTFSM. CIMA RESEARCH PROJECT INTERNAL 2009-2011. 2009-2010. PROJECT MANAGER UTFSM "SET PROCEDURE FOR CHECKING MACHINE THREE MEASURES OF COODENADAS. 2005-2006. PROJECT CO-INVESTIGATOR CORFO "INSTANT PROCESSING SYSTEM INFORMATION FOR DECISION-MAKING PLANT PRODUCTION DISCREET - STILL. 				
PATENT				
<ul style="list-style-type: none"> SYSTEM AND METHOD FOR REMOTELY MONITORING OF DISCREET MANUFACTURING PROCESSES RESULTING IN REPORTS PROCESS PRODUCTIVITY. INVENTORS: RAUL STEGMAIER, PABLO ESCALONA, ALEJANDRO WEINSTEIN, JUAN HERNANDEZ, DANIEL RODRIGUEZ, GONZALEZ EUGENIIO. REGISTRATION: 45,924. 				

HUGO ALARCÓN

POSITION IN THE PROJECT: LEAD TEAM OF ENGINEERING EDUCATION				
LAST NAME		SECOND LAST NAME		NAMES
ALARCÓN		OPAZO		HUGO RAÚL
DATE OF BIRTH		E-MAIL		PHONE FAX
25/04/1968		HUGO.ALARCÓN@USM.CL		032 – 2652975
RUT ID \$ TAX NUMBER		PRESENT POSITION		
10.028.601-7		DIRECTOR FOR TEACHING AND LEARNIN		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		
ACADEMIC BACKGROUND				
TITLES AND DEGREES		UNIVERSITY	COUNTRY	YEAR OBTAINED
DEGREE IN SCIENCIES WITH A MAJOR IN PHYSICS		UTFSM	CHILE	1990
DOCTOR IN SCIENCES WITH WORDS IN PHYSICS		PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE	CHILE	1995
PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)				
INSTITUTION	POSITION		FROM	TO
UTFSM	ASSOCIATE PROFESSOR DEPARTMENT OF PHYSICS		2015	TO PRESENT
TECNOLÓGICO DE MONTERREY, MÉXICO	ASSISTANT PROFESSOR DEPARTMENT OF PHYSICS		1996	2010
UNIVERSIDAD NACIONAL DE SAN LUIS, ARGENTINA	POSTDOCTORAL RESEARCHER, DEPARTMENT OF ENGINEERING MATHEMATICS FCFM		2005	2005
UNIVERSIDAD DE CHILE	ASSOCIATE PROFESSOR DEPARTMENT OF PHYSICS		1995	1995
OTHER INFORMATION				
RELEVANT PROJECTS, LAST 3 YEARS.				
<ul style="list-style-type: none"> 2015-PRESENT. EXECUTIVE DIRECTOR PROJECT MECESUP FSM 1408 “INTEGRATION OF STEM CONTENT FOR THE EARLY DEVELOPMENT OF PROFESSIONAL SKILLS OF THE ENGINEER AND ARCHITECT UTFSM”. 2012-2014. ALTERNATE DIRECTOR MECESUP FSM-1106 PROJECT DEVELOPMENT OF CROSS SKILLS IN STUDENTS OF ENGINEERING FIRST YEAR. 2011-2013. EXECUTIVE DIRECTOR MECESUP FSM-0802 PROJECT BUILD A COMMUNITY OF RESEARCH IN TEACHING THE P ARA INGENIERÍASS: THE LEARNING PROCESS AS OBJECTS OF INVESTIGATION. 				
REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)				
<ul style="list-style-type: none"> MAGAZINES: 1 AUTHOR (2), CO-AUTHOR (7). BOOK CHAPTERS: 1 AUTHOR (2), CO-AUTHOR (2). CONFERENCE: 1 AUTHOR (9), CO-AUTHOR (2). 				

CLAUDIO AGUILAR

POSITION IN THE PROJECT: LEAD TEAM OF GRAND CHALLENGES				
LAST NAME		SECOND LAST NAME		NAMES
AGUILAR		RAMÍREZ		CLAUDIO
DATE OF BIRTH		E-MAIL		PHONE FAX
20/02/1976		CLAUDIO.AGUILAR@USM.CL		32-2654268
RUT ID \$ TAX NUMBER		PRESENT POSITION		
14.308.365-9		DIRECTOR GRADUATE SCHOOL		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		
ACADEMIC BACKGROUND				
TITLES AND DEGREES		UNIVERSITY	COUNTRY	YEAR OBTAINED
CIVIL ENGINEER IN METALLURGY		UNIVERSIDAD DE ATACAMA	CHILE	2001
DOCTOR OF SCIENCE IN ENGINEERING, MENTION OF MATERIALS SCIENCE AND ENGINEERING		UNIVERSIDAD DE SANTIAGO	CHILE	2006
PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)				
INSTITUTION		POSITION	FROM	TO
UTFSM		DIRECTOR GRADUATE SCHOOL	2015	PRESENT
UTFSM		COMMITTEE MEMBER OF GENERAL DIRECTOR FOR RESEARCH, INNOVATION AND GRADUATE STUDIES, CCDIP	2013	2015
UTFSM		ADVISORY COMMITTEE MEMBER DGAT	2014	PRESENT
UTFSM		ACADEMIC DEPARTMENT OF METALLURGY AND MATERIALS.	2011	PRESENT
UNIVERSIDAD AUSTRAL DE CHILE		ACADEMIC INSTITUTE OF MATERIALS AND PROCESSES THERMOMECHANICAL	2008	2011
UNIVERSIDAD DE ATACAMA		ACADEMIC DEPARTMENT OF METALLURGY	2006	2008
OTHER INFORMATION				
RELEVANT PROJECTS, LAST 3 YEARS.				
<ul style="list-style-type: none"> 2015 - 2017, TITANIUM-DEVELOPMENT OF NEW RULES FOR COPPER ELECTROWINNING ANODES NONEQUILIBRIUM BY THEIR METHODS AND CHARACTERIZATION OF ELECTROCHEMICAL AND PHYSICAL PROPERTIES, RESEARCH ALTERNATE. SOURCE OF FINANCING FONDECYT 1151204. 2014 STRENGTHENING RESEARCH THROUGH XRD CHARACTERIZACIÓN MATERIALS IN REGIONAL UNIVERSITIES FQP140095. FUNDING: ANCHOR OF SCIENTIFIC AND TECHNICAL EQUIPMENT. 2015-2017, DEVELOPMENT AND CHARACTERIZATION OF FOAM BASE AMORPHOUS TITANIUM ALLOYS FOR BIOMEDICAL APPLICATIONS, SPONSOR POSTDOCTORAL DR. ERNESTO CHICARDI. SOURCE OF FINANCING FONDECYT NO. 3,150,060. 				
REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)				
<ul style="list-style-type: none"> C. GUERRA, C. AGUILAR, D. GUZMÁN, M. ARANCIBIA, P.A. ROJAS, S. LASCANO, L. PEREZ, PRODUCTION AND CHARACTERIZATION OF MECHANICAL PROPERTIES OF Ti-Nb-Ta-Mn ALLOYS FOAMS FOR BIOMEDICAL APPLICATIONS, POWDER METALLURGY, 57 (2015) 1-8. L. PEREZ, S. LASCANO, C. AGUILAR, ANÁLISIS DE ESFUERZOS MEDIANTE EL MÉTODO DE ELEMENTOS FINITOS DE IMPLANTES, REVISTA CIENTÍFICA INGENIERÍA Y DESARROLLO, 33 (2015). V. ESCAMILLA, A. MEDINA, J. SOLÍS-ROMERO, L. BÉJAR, C. AGUILAR, S. E. BORJAS, STRUCTURAL AND TRIBOLOGICAL CHARACTERIZATION OF A 4140 STEEL NITRIDED BY IONIZED WEAKLY PLASMA PROCESS, XXIII INTERNATIONAL MATERIALS RESEARCH CONGRESS, CANCÚN, MÉXICO, 2014. 				

PATRICIO NÚÑEZ

POSITION IN THE PROJECT: LEAD TEAM OF NETWORKS

LAST NAME	SECOND LAST NAME	NAMES	
NÚÑEZ	MUÑOZ	PATRICIO ANTONIO	
DATE OF BIRTH	E-MAIL	PHONE	FAX
09/10/1950	PATRICIO.NUNEZ@USM.CL	98295872	
RUT ID \$ TAX NUMBER	PRESENT POSITION		
6.404.117-7	DIRECTOR INSTITUTIONAL OUTREACH		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
CHEMICAL CIVIL ENGINEER	UTFSM	CHILE	1975
MASTER OF SCIENCE PHD.	UNIVERSIDAD DE PITTSBURG	USA	1981

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	FACULTY MEMBER, DEPARTMENT OF CHEMICAL AND ENVIRONMENTAL ENGINEERING	1975	PRESENT

OTHER INFORMATION

EXPERIENCIA EN TECNOLOGÍAS Y ÁREAS ESPECÍFICAS OTRAS EMPRESAS

- ENERGY CONSULTANT REGISTERED INN-CORFO 2007.
- 2005-PRESENT. FOSTER WHEELER CONSULTANT CHILE S.A.
- 1989 NATIONAL OIL COMPANY CONSULTANT.
- CONSULTANT 1989. CODELCO, MINING AREA
- EXPERIENCE IN ENERGY AND NATURAL GAS DRYING.

LORNA GUERRERO

POSITION IN THE PROJECT: LEAD TEAM OF GOVERNANCE

LAST NAME	SECOND LAST NAME	NAMES	
GUERRERO	SALDES	LORNA ELENA	
DATE OF BIRTH	E-MAIL	PHONE	FAX
25/01/1958	LORNA.GUERRERO@USM.CL	(032) – 2654303	032-2654478
RUT ID \$ TAX NUMBER	PRESENT POSITION		
6.886.794-0	GENERAL DIRECTOR FOR RESEARCH, INNOVATION AND GRADUATE STUDIES		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
CIVIL ENGINEER BIOCHEMICAL	PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE	CHILE	1982
PHD IN CHEMISTRY, STATEMENT ENVIRONMENTAL BIOTECHNOLOGY	UNIVERSIDAD SANTIAGO DE COMPOSTELA	SPAIN	1992

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	GENERAL DIRECTOR FOR RESEARCH, INNOVATION AND GRADUATE STUDIES	2014	PRESENT
UTFSM	MEMBER OF THE DIRECTORY OF CENTRO DE BIOTECNOLOGÍA DANIEL ALKALAY L.	2012	PRESENT
UTFSM	ACADEMIC GUIDANCE COUNSELOR	2005	2009

OTHER INFORMATION

RELEVANT PROJECTS, LAST 3 YEARS.

- 2013-2016 INVESTIGADOR RESPONSIBLE SIMULTANEOUS BIO-ELIMINATION OF NITROGEN AND SULPHUR IN THE PRESENCE AND ABSENCE OF COMPLEX ORGANIC MATTER.
- 2013-2015 CO-INVESTIGADOR DEVELOPMENTS AND MODELING OF A NEW METHODOLOGY FOR ANAEROBIC SEWAGE SLUDGE TREATMENT: ENHANCEMENT OF APPLICATION OF MICRO AERATION AND SOLID WASTE AS TRACE ELEMENTS SUPPLEMENT.
- 2014-2015 INVESTIGADOR PRINCIPAL EXPERTO MODELO TECNOLÓGICO Y LOGISTICO PARA LA UTILIZACIÓN INTEGRAL DE RESIDUOS DE PESCA ARTESANAL.

REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)

- MAGAZINES: CO-AUTHOR (14)
- BOOK CHAPTERS: CO-AUTHOR (1)
- CONFERENCE: 1 AUTHOR (16), CO-AUTHOR (2)

MANUEL YOUNG

POSITION IN THE PROJECT: LEAD TEAM OF LIASON

LAST NAME		SECOND LAST NAME	NAMES	
YOUNG		ANCE	MANUEL EDUARDO	
DATE OF BIRTH		E-MAIL	PHONE	FAX
13/11/1945		MANUEL.YOUNG@USM.CL	32-2654731	32-2654783
RUT ID \$ TAX NUMBER		PRESENT POSITION		
4.687.651-2		DIRECTOR OF RESEARCH AND INNOVATION PROJECTS		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
INDUSTRIAL CIVIL ENGINEER	UNIVERSIDAD DE CHILE	CHILE	1972
PHD CHEM. ENG.	UNIVERSIDAD DE CALIFORNIA, DAVIS	USA	1982
MSC FOOD SCI & TECHNOL.	UNIVERSIDAD DE CALIFORNIA, DAVIS	USA	1980

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	RESEARCHER BIOTECHNOLOGY CENTER	-	TO DATE
UNIVERSIDAD DE CHILE	DEPARTMENT OF CHEMISTRY PROFESSOR	1970	1995
UNIVERSIDAD IBEROAMERICANA	DEAN FACULTY OF ENGINEERING	1996	1998

OTHER INFORMATION

AWARDS AND HONORS

- Avonni PRIZE. National Innovation Award 2013, INBIODEM + C.
- GOLD AWARD, SHOWCASE WORLD BEST TECHNOLOGY, 2007, ARLINGTON, DALLAS. "NEW DEVICE FOR SKIN IMPLANT MORE SOLUTION, LESS INTERVENTION".

RELEVANT PROJECTS, LAST 3 YEARS.

- 2014-2016, PROJECT DIRECTOR GORE "TECHNOLOGICAL AND LOGISTICAL MODEL FOR USING INTEGRATED WASTE ARTISANAL FISHERIES.
- 2009-2013, FONDEF PROJECT DIRECTOR "DEVELOPMENT OF TECHNOLOGY FOR INTEGRATED OPTIMIZATION SKIN GRAFT"
- 2008-2012, CORFO ALTERNATE DIRECTOR PROJECT "CREATION OF AN INTERNATIONAL TECHNOLOGY CONSORTIUM BUSINESS DEVELOPMENT TISSUE ENGINEERING".

REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)

- ISI: CO-AUTHOR (18).
- CONFERENCE: CO-AUTHOR (12).

PATRICIA YAÑEZ

POSITION IN THE PROJECT: ENGINEER OPERATIONAL CONTROL UNIT				
LAST NAME		SECOND LAST NAME		NAMES
YAÑEZ		LEIVA		PATRICIA
DATE OF BIRTH		E-MAIL		PHONE FAX
17/03/1989		PATRICIA.YANEZLE@USM.CL		32-2654892
RUT ID \$ TAX NUMBER		PRESENT POSITION		
17.171.140-1		ADVISER ENGINEER – NEW ENGINEERING FOR 2030		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		
ACADEMIC BACKGROUND				
TITLES AND DEGREES		UNIVERSITY	COUNTRY	YEAR OBTAINED
BUSINESS ADMINISTRATION / INGENIERÍA COMERCIAL		UTFSM	CHILE	2013
DEGREE IN MANAGEMENT SCIENCE		UTFSM	CHILE	2013
PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)				
INSTITUTION		POSITION	FROM	TO
UTFSM		ADVISER ENGINEER, OPERATIONAL CONTROL UNIT FOR THE PROJECT NEW ENGINEERING FOR 2030.	2014	PRESENT
UTFSM		RESEARCH ENGINEER, GENERAL DIRECTION OF TEACHING	2014	2014
UTFSM		ADMINISTRATIVE ASSISTANT, GENERAL DIRECTION OF TECHNICAL ASSISTANCE	2012	2013
OTHER INFORMATION				

ARIE AIZMAN

POSITION IN THE PROJECT: PROJECT MANAGERS

LAST NAME	SECOND LAST NAME	NAMES	
AIZMAN	ROSENBLUM	ARIE JOSÉ	
DATE OF BIRTH	E-MAIL	PHONE	FAX
02/03/1951	ARIE.AIZMAN@USM.CL	32-2654325	
RUT ID \$ TAX NUMBER	PRESENT POSITION		
5.925.831-1	FACULTY MEMBER, DEPARTMENT OF CHEMISTRY		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
LICENCIADO EN CIENCIAS MENCIÓN QUÍMICA	UNIVERSIDAD DE CHILE	CHILE	1974
PHD IN CHEMISTRY	UNIVERSIDAD DE CALIFORNIA, DAVIS	USA	1982

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	FACULTY MEMBER, DEPARTMENT OF CHEMISTRY	-	TO DATE
UNIVERSIDAD DE CHILE	FACULTY MEMBER, DEPARTMENT OF CHEMISTRY	1974	1985

OTHER INFORMATION

RELEVANT PROJECTS, LAST 3 YEARS.

- 2010-2013, FONDECYT PROJECT RESPONSIBLE RESEARCHER "IONIC LIQUIDS: A THEORETICAL APPROACH".
- 2011-2013, PROJECT DIRECTOR MECESUP FSM-0802 "BUILDING A COMMUNITY OF RESEARCH IN TEACHING FOR ENGINEERING: THE LEARNING PROCESS AS UNDER INVESTIGATION".

REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)

- MAGAZINES: CO-AUTHOR (10)
- CONFERENCE: CO-AUTHOR (5)

LEONHARD BERNOLD

POSITION IN THE PROJECT: PROJECT DEVELOPMENT TEAMS

LAST NAME	SECOND LAST NAME	NAMES	
BERNOLD	WACHTER	LEONHARD EMIL	
DATE OF BIRTH	E-MAIL	PHONE	FAX
04/04/1952	LEONHARD.BERNOLD@USM.CL	96134071	
RUT ID \$ TAX NUMBER	PRESENT POSITION		
26.676.321-6	FACULTY MEMBER DEPARTMENT OF CIVIL		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
CIVIL ENGINEER	EIDGENÖSISCHE TECHNISCHE HOCHSCHULE ZÜRICH (ETH)	SWITZERLAND	1978
MBA	SAINT GALL GRADUATE SCHOOL OF ECONOMICS AND BUSINESS	SWITZERLAND	1981
DOCTOR EN INGENIERÍA Y GESTIÓN EN CONSTRUCCIÓN	GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA	USA	1985

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	PROFESSOR DEPARTMENT OF CIVIL ENGINEERING	2014	PRESENT
UNIVERSITY OF NEW SOUTH WALES, SYDNEY, AUSTRALIA	A/PROFESSOR DEPARTMENT CIVIL & ENVIRONMENTAL ENGINEERING	2011	2014
HANYANG UNIVERSITY, SEOUL, KOREA	PROFESSOR DEPARTMENT CIVIL & ENVIRONMENTAL SYSTEMS ENGINEERING	2007	2010
NORTH CAROLINA STATE UNIVERSITY, RALEIGH, NC	ASSOCIATE PROFESSOR DEPARTMENT OF CIVIL ENGINEERING	1990	2006

OTHER INFORMATION

RELEVANT PROJECTS, LAST 3 YEARS.

- 2015-2016, FONDEF RESEARCH PROJECT "IDEA SYSTEMATIZING NONSTRUCTURAL COMPONENTS EMERGENCY HOUSING".

REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)

- MAGAZINES: 1 AUTHOR (3), CO-AUTHOR (10).
- BOOK CHAPTERS: 1 AUTHOR (1)
- BOOKS: 1 AUTHOR (2)
- CONFERENCE: 1 AUTHOR (4), CO-AUTHOR (15)

LUIS FELIPE GONZALEZ

POSITION IN THE PROJECT DEVELOPMENT TEAMS			
LAST NAME	SECOND LAST NAME	NAMES	
GONZALEZ	BÖHME	LUIS FELIPE	
DATE OF BIRTH	E-MAIL	PHONE	FAX
30/01/1972	LUISFELIPE.GONZALEZ@USM.CL	32-2654773	
RUT ID \$ TAX NUMBER	PRESENT POSITION		
8.401.079-0	FACULTY MEMBER, DEPARTMENT OF ARCHITECTURE		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	
ACADEMIC BACKGROUND			
TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
ARCHITECT	PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE	CHILE	1999
PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)			
INSTITUTION	POSITION	FROM	TO
BAUHAUS-UNIVERSITÄT WEIMAR, ALEMANIA	COLABORADOR CIENTÍFICO, CHAIR COMPUTER SCIENCE IN ARCHITECTURE	2001	2006
UNIVERSIDAD DEL BÍO-BÍO	CO-INVESTIGADOR, DEPARTAMENTO DE DISEÑO Y TEORÍA DE LA ARQUITECTURA	2000	2000
OTHER INFORMATION			
RELEVANT PROJECTS			
<ul style="list-style-type: none"> 2011-2012, PRINCIPAL INVESTIGATOR DGD-399051 (FSM-0802) Design and pilot implementation of new subjects of Computational Methods for a career in architecture 			
REPRESENTATIVE PUBLICATIONS			
<ul style="list-style-type: none"> MAGAZINES: CO-AUTHOR (2). BOOK CHAPTERS: 1 AUTHOR (2). CONFERENCE: 1 AUTHOR (3), CO-AUTHOR (4) 			

CECILIA RITCHIE

POSITION IN THE PROJECT: PROJECT DEVELOPMENT TEAMS				
LAST NAME		SECOND LAST NAME		NAMES
RITCHIE		CHACÓN		CECILIA
DATE OF BIRTH		E-MAIL		PHONE FAX
07/07/1965		CECILIA.RITCHIE@USM.CL		32-2652977
RUT ID \$ TAX NUMBER		PRESENT POSITION		
9.959.410-1		RESPONSIBLE DIDACTICOS RESOURCES CICE (DEA)		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		
ACADEMIC BACKGROUND				
TITLES AND DEGREES		UNIVERSITY	COUNTRY	YEAR OBTAINED
DEGREE IN EDUCATION IN MATHEMATICS AND COMPUTER SCIENCE		UNIVERSIDAD DE SANTIAGO DE CHILE	CHILE	1989
MASTER IN NEW TECHNOLOGIES APPLIED TO EDUCATION		UNIVERSIDAD DE ALICANTE, UNIVERSIDAD AUTÓNOMA DE BARCELONA, UNIVERSIDAD CARLOS III DE MADRID	ESPAÑA	2008
PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)				
INSTITUTION	POSITION			FROM TO
PONTIFICIA UNIVERSIDAD CATÓLICA DE VALPARAÍSO	TEACHER CÁTEDRA			2000 2009
PONTIFICIA UNIVERSIDAD CATÓLICA DE VALPARAÍSO	ENABLING PROJECT LINKS, LINKS PROJECT RESPONSIBLE TEACHING MATHEMATICS, INTEL PROJECT SENIOR MASTER COURSES TEACHER INTEL PLANS COORDINATION AND ADVISORY FOR USE IN TECHNOLOGIES FOR QUALITY EDUCATION PROJECT OR BICENTENARIO			2000 2009
OTHER INFORMATION				
RELEVANT PROJECTS, LAST 3 YEARS.				
<ul style="list-style-type: none"> 2014-TO DATE. EXECUTIVE DIRECTOR PROJECT MECESUP FSM 1307 "IMPLEMENT A PLAN TO INTEGRATE TECHNOLOGIES TO ARTICULATE EXPERIENCES OF EDUCATIONAL INNOVATION AND TRAINING INITIATIVES EXPLORING D-LERNING IN RACING UTFSM." 2012-2014, EDUCATIONAL TECHNICAL SUPPORT, IN CHARGE OF TEACHING RESOURCES PROJECT MECESUP FSM 1116: CREATION AND APPLICATION OF INSTRUMENTS FOR RESULTS EVALUATION AND DEMONSTRATION LEARNING SKILLS FOR ENGINEERING STUDENTS UTFSM. 				

PABLO PRIETO

POSITION IN THE PROJECT: PROJECT MANAGERS

LAST NAME	SECOND LAST NAME	NAMES	
PRIETO	CABRERA	PABLO ANDRÉS	
DATE OF BIRTH	E-MAIL	PHONE	FAX
11/12/1969	PABLO.PRIETO@USM.CL	32-2654923	
RUT ID \$ TAX NUMBER	PRESENT POSITION		
10.046.279-6	FACULTY MEMBER, CAREER ENGINEERING DESIGN PRODUCTS		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
DESIGNER, MENTION PRODUCTS	UNIVERSIDAD DE VALPARAÍSO	CHILE	1992
MASTERS IN INDUSTRIAL DESIGN AND PRODUCT DEVELOPMENT	UNIVERSIDAD POLITÉCNICA DE CATALUÑA	SPAIN	1994
DOCTOR OF PHILOSOPHY (PHD)	BRUNEL UNIVERSITY	UK	2005

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	FACULTY MEMBER, CAREER ENGINEERING DESIGN PRODUCTS	2010	PRESENT
UNIVERSIDAD DE VALPARAÍSO	FACULTY MEMBER	1993	2009

OTHER INFORMATION

RELEVANT PROJECTS, LAST 3 YEARS.

- 2010-2012. PRINCIPAL INVESTIGATOR FONDECYT PROJECT "THE INVESTIGATION OF A NEW DESIGN METHOD FOR DESIGN PRODUCT DEVELOPMENT".
- 2013-2015. PRINCIPAL INVESTIGATOR FONDECYT PROJECT "THE DEVELOPMENT OF A NEW TOOL TO ASSIST CAD DESIGNERS ON THE SHAPE OF DEVELOPMENT PROCCES".

REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)

- MAGAZINES: 1 AUTHOR (3), CO-AUTHOR (4).
- BOOK CHAPTERS: 1 AUTHOR (1).
- CONFERENCE: 1 AUTHOR (7), CO-AUTHOR (7).

MARCOS ZUÑIGA

POSITION IN THE PROJECT: PROJECT DEVELOPMENT TEAMS

LAST NAME	SECOND LAST NAME	NAMES	
ZUÑIGA	BARRAZA	MARCOS DAVID	
DATE OF BIRTH	E-MAIL	PHONE	FAX
18/11/1978	MARCOS.ZUNIGA@USM.CL	32-2654093	
RUT ID \$ TAX NUMBER	PRESENT POSITION		
13.428.434-K	FACULTY MEMBER, DEPARTMENT OF ELECTRONICS		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
DOCTOR EN INFORMÁTICA	UNIVERSIDAD DE NICE-SOPHIA ANTIPOLIS	FRANCIA	2008
MAGISTER EN CIENCIAS DE LA INGENIERÍA INFORMÁTICA	UTFSM	CHILE	2004
INGENIERO CIVIL EN INFORMÁTICA	UTFSM	CHILE	2001

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	PROFESOR AUXILIAR CARRERA INGENIERÍA CIVIL TELEMÁTICA, DEPARTAMENTO DE ELECTRÓNICA	2013	PRESENT
UTFSM	PROFESOR INSTRUCTOR CARRERA INGENIERÍA CIVIL TELEMÁTICA, DEPARTAMENTO DE ELECTRÓNICA	2009	2013
UTFSM	INVESTIGADOR CIENTÍFICO DEPARTAMENTO DE INFORMÁTICA	2008	2009

OTHER INFORMATION

AWARDS AND HONORS

- 2010 DISTINGUISHED PROFESSOR UTFSM.
- 2005-2008. SCHOLARSHIP FOR DOCTORATE CONICYT INRIA SOPHIA ANTIPOLIS. FRANCE.
- 2004. ENTITLED TO FIRST PRIORITY IN ACADEMIC (METRIC UTFSM) PROMOTION 1997.
- 2004 BEST QUALIFIED ENGINEER IN COMPUTER COLLEGE OF ENGINEERS OF CHILE AG
- 2004 SCHOLARSHIP STUDENT AS SCIENTIFIC INITIATION OF MASTER IN CS. OF COMPUTER ENGINEERING, DGIP - UTFSM.

RELEVANT PROJECTS, LAST 3 YEARS.

- 2013-2016. HEAD OF RESEARCH PROJECT 23.13.20 USM "METHODODOLOGY AND APPLICATIONS FOR INCREMENTAL BEHAVIOUR LEARNING IN VIDEO GUIDED BY INFORMATION RELIABILITY".
- 2015-2013. PROJECT CO-INVESTIGATOR REGULAR FONDECYT 1130674 "THE DEVELOPMENT OF A NEW CAD TOOL TO ASSIST DESIGNERS ON THE PROCESS OF SHAPE DEVELOPMENT".
- 2015-2012. PRINCIPAL INVESTIGATOR FONDECYT PROJECT INITIATION 11121838 "METHODODOLOGY AND APPLICATIONS FOR INCREMENTAL BEHAVIOUR LEARNING IN VIDEO GUIDED BY INFORMATION RELIABILITY".
- 2012-2010. HEAD OF RESEARCH PROJECT USM 23.10.09 "DEVELOPMENT OF TECHNIQUES FOR AUTOMATIC VIDEO ANALYSIS, APPLICATIONS FOR INCREASED SURVEILLANCE AND VIDEO-COMPUTER-ASSISTED REALITY"

REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)

- M. D. ZUÑIGA, P.A. PRIETO, AND G. FANTONI, "QUANTIFYING SHAPE DESCRIPTORS FOR AESTHETIC CONCEPTS" IN PROCEEDINGS OF THE INTERNATIONAL DESIGN CONFERENCE (DESIGN 2014), (DUBROVNIK, CROATIA), PP. 2187-2194, 19-22 MAY 2014. BEST PAPER AWARD.
- M. D. ZUÑIGA, F. BREMOND, AND. M. THONNAT, "HIERARCHICAL AND INCREMENTAL EVENT LEARNING APPROACH BASED ON CONCEPT FORMATION MODELS" NEUROCOMPUTING, VOL. 100, PP. 3-18, 2013. SPECIAL ISSUE: BEHAVIOURS IN VIDEO (ISI JOURNAL).
- N.J. ARQUEROS, P.A. PRIETO, AND M.D. ZUÑIGA, "A NEW TOOL FOR IMMERSIVE 3D FREE-FORM SURFACE MODELLING AND REFINING" IN PROCEEDINGS OF THE INTERNATIONAL DESIGN CONFERENCE (DESIGN 2012), (DUBROVNIK, CROATIA), PP. 365-371, 21-24 MAY 2012.
- P. PRIETO, F. SOTO, M. ZUÑIGA, S.-F. QIN, AND D. WRIGHT, "THREE-DIMENSIONAL IMMERSIVE MIXED REALITY INTERFACE FOR STRUCTURAL DESIGN", JOURNAL OF ENGINEERING MANUFACTURE, VOL 226, N°5, PP. 955-958, 2012. (ISI JOURNAL)

WERNER CREIXELL

POSITION IN THE PROJECT: PROJECT MANAGERS

LAST NAME		SECOND LAST NAME	NAMES	
CREIXELL		FUENTES	WERNER	
DATE OF BIRTH		E-MAIL	PHONE	FAX
		WERNER.CREIXELL@USM.CL	32-2654758	
RUT ID \$ TAX NUMBER		PRESENT POSITION		
		FACULTY MEMBER, DEPARTMENT OF ELECTRONICS		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
ELECTRONIC ENGINEERING MAJOR IN TELECOMMUNICATIONS	UTFSM	CHILE	1997
MASTER ON ELECTRONIC ENGINEERING MAJOR IN TELECOMMUNICATIONS AND COMPUTATIONAL SYSTEMS	UTFSM	CHILE	2001
PHD. ON INFORMATION SCIENCE AND TECHNOLOGY	THE UNIVERSITY OF TOKYO	JAPAN	2002

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	FULL TIME LECTURER AT ELECTRONIC ENGINEERING DEPARTMENT	2009	PRESENT
SENDA LTD.	FOUNDER AND PRESIDENT	2007	2009
THE UNIVERSITY OF TOKYO	VISITING RESEARCHER, RESEARCHING ABOUT ROUTING ON MOBILE AD-HOC NETWORKS AND CONTEXT AWARE SERVICES, CENTER FOR SPATIAL INFORMATION SCIENCE	2006	2007

OTHER INFORMATION

AWARDS AND HONORS

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RELEVANT PROJECTS, LAST 3 YEARS.

- 2014-2015. STIC-AMSUD UNDERSTANDING AND PREDICTING HUMAN DEMAND CONTENT AND MOBILITY (UCOOL). UTFSM PROJECT DIRECTOR.
- 2014. RESEARCHER AT THE "CENTRO CIENTÍFICO Y TECNOLÓGICO DE VALPARAÍSO CCTVAL".
- 2014. RESEARCHER AT THE "ADVANCED CENTER OF ELECTRIC AND ELECTRONIC ENGINEERING AC3E" BASAL FB0008.
- 2014. CONICYT, RESEARCHER CENTERS COLLABORATION: REDES 130100 UTFSM (HPC) –STEVENS INSTITUTE. PROJECT DIRECTOR.
- 2013-2014. USM DGIP 231364.

REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)

- A. MORALES, W. CREIXELL, J. BORONDO, J.C. LOSADA & R.M. BENITO. "CHARACTERIZING ETHNIC INTERACTIONS FROM HUMAN COMMUNICATION PATTERNS IN IVORY COAST". NETWORKS AND HETEROGENEOUS MEDIA, VOL. 10, N°1, 2015, PP:87-99.
- R. SANTANDER, W. CREIXELL, E. SANCHEZ, G. TOMIC, J.R. SILVA & C.A. ACEVEDO. "RECOGNIZING AGE AT SLAUGHTER OF CATTLE FROM BEEF SAMPLES USING GC/MS-SPME CHROMATOGRAPHIC METHOD". FOOD BIOPROCESS TECHNOLOGY, NOVEMBER 2012, DOI 10.1007/S11947-012-0998-Z.
- W. CREIXELL, J.C. LOSADA, T. ARREDONDO, P. OLIVARES & R.M. BENITO. "SERENDIPITY IN SOCIAL NETWORKS". NETWORKS AND HETEROGENEOUS MEDIA SPECIAL ISSUE "MESOSCALES AND EVOLUTION IN COMPLEX NETWORKS. APPLICATIONS AND RELATED TOPICS", VOL 7, NUMBER 3, PP:363-371, SEPTEMBER 2012.
- W. CREIXELL, S. YAKSIC, J.C. LOSADA, R.M. BENITO. "TIME EVOLUTION IN EGO NETWORKS". AIMS 2014, JULY, MADRID, SPAIN.
- W. CREIXELL, J. LEYTON, C. ACEVEDO, J.C. LOSADA & R.M. BENITO. "METABOLIC NETWORKS MODELING AND COMMUNITY DETECTION" NET-WORKS 2013, DEC 11-13, EL ESCORIAL, SPAIN.
- R. LOPEZ, J. YUZ, W. CREIXELL & J. RAMIREZ "RECURSIVE PARAMETER AND STATE ESTIMATION FOR A MINING INDUSTRY PROCESS". IN 20TH MEDITERRANEAN CONFERENCE ON CONTROL AND AUTOMATION, BARCELONA, SPAIN, 3-6 JULY 2012.

KAROL TRAUTMANN

POSITION IN THE PROJECT: PROJECT DEVELOPMENT TEAMS				
LAST NAME		SECOND LAST NAME		NAMES
TRAUTMANN		THOMAS		KAROL ALEJANDRA
DATE OF BIRTH		E-MAIL		PHONE FAX
09/11/1974		KAROL.TRAUTMANN@USM.CL		32-2654599
RUT ID \$ TAX NUMBER		PRESENT POSITION		
12.642.466-3		DIRECTOR OFFICE OF INTERNATIONAL AFFAIRS (OAI)		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		
ACADEMIC BACKGROUND				
TITLES AND DEGREES		UNIVERSITY	COUNTRY	YEAR OBTAINED
DEGREE IN ECONOMICS AND MANAGEMENT SCIENCES		PONTIFICIA UNIVERSIDAD CATÓLICA DE VALPARAÍSO	CHILE	1998
BUSINESS ENGINEER		PONTIFICIA UNIVERSIDAD CATÓLICA DE VALPARAÍSO	CHILE	2002
MASTER IN ECONOMICS		TULANE UNIVERSITY	USA	2002
PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)				
INSTITUTION	POSITION			FROM TO
UTFSM	DIRECTOR OFFICE OF INTERNATIONAL AFFAIRS (OAI)			2008 TO DATE
PONTIFICIA UNIVERSIDAD CATÓLICA DE VALPARAÍSO	INTERNATIONAL MOBILITY COORDINATOR			2002 2007
OTHER INFORMATION				
RELEVANT PROJECTS, LAST 3 YEARS.				
<ul style="list-style-type: none"> 2013-2015. PROJECT MANAGEMENT TEAM MEMBER MECESUP CD UBB1203 "INTERNATIONAL IN THE DEVELOPMENT OF AREAS OF ENGINEERING AND SCIENCE AGRICULTURAL UNIVERSITY OUTSIDE THE GOVERNING COUNCIL OF CHILE IN COOPERATION WITH HIGHER EDUCATION INSTITUTIONS FRENCH". 2013-PRESENT. MIENTRO PROCHILE DIRECTORY PROJECT "LEARN CHILE SECTOR BRAND". 				

CESAR SILVA

POSITION IN THE PROJECT: PROJECT DEVELOPMENT TEAMS

LAST NAME	SECOND LAST NAME	NAMES	
SILVA	JIMENEZ	CESAR	
DATE OF BIRTH	E-MAIL	PHONE	FAX
23/12/1972	CESAR.SILVA@USM.CL	32-2654402	
RUT ID \$ TAX NUMBER	PRESENT POSITION		
10.023.267-7	FACULTY MEMBER, DEPARTMENT OF ELECTRONICS		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
ELECTRONIC ENGINEER, AUTOMATIC CONTROL STATEMENT	UTFSM	CHILE	1998
DOCTOR OF PHILOSOPHY (PhD)	UNIVERSITY OF NOTTINGHAM	UK	2003

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	FACULTY MEMBER, DEPARTMENT OF ELECTRONICS	2002	PRESENT

OTHER INFORMATION

AWARDS AND HONORS

- SCHOLARSHIP "OVERSEAS STUDENT RESEARCH AWARD (ORS)" AWARDED BY UNIVERSITIES UK TO STUDY FOR A DOCTORATE (PHD) IN UK, 1999.
- IEEE TRANSACTION ON INDUSTRIAL ELECTRONICS 2007 BEST PAPER AWARD. OTORGADO 2008 AL TRABAJO (10).

RELEVANT PROJECTS, LAST 3 YEARS.

- 2012-2015. RESPONSIBLE RESEARCH PROJECT FONDECYT NO. 1120683 "MODEL PREDICTIVE CONTROL OF APPLICATION TO AC DRIVERS SENSORLESS".
- 2009- A LA FECHA. RESEARCH ASSOCIATE, SCIENTIFIC TECHNOLOGICAL CENTER OF VALPARAISO (CCTVAL) BASAL FINANCING PROGRAM FOR SCIENTIFIC AND TECHNOLOGICAL CENTERS OF EXCELLENCE (FB-0821).
- 2008-2010. PRINCIPAL INVESTIGATOR, FONDECYT PROJECT NO. 1085114 "MODULATION AND NOVEL HYBRID CONTROL FOR MULTILEVEL CONVERTERS VOLTAGE HARMONIC WITH COMPENSATION FOR DRIVES APPLICATION".
- 2008-2010. CO-INVESTIGATOR, FONDECYT PROJECT NO. 1085111 "TOPOLOGIES CONTROL TECHNIQUES AND NEW FLYING CAPACITORS BASED ON MULTILEVEL CONVERTER".

REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)

- C.A. ROJAS, J.I. YUZ, C.A. SILVA AND J. RODRIGUEZ, "COMMENTS ON PREDECTIVE TORQUE CONTROL OF INDUCTION MACHINES BASED ON STATE-SPACE MODELS". IN IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, 2013 (ISI).
- C.A. ROJAS, J. RODRIGUEZ, F. VILLARROEL, J.R. ESPINOZA, C.A. SILVA AND M. TRINCADO, "PREDICTIVE TORQUE AND FLUX CONTROL WITHOUT WIGHTING FACTORS". IN IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, VOL. 60(2):681-690, FEBRUARY 2013 (ISI).
- G. CARRASCO AND C.A. SILVA, "SPACE VECTOR PWM METHOD FOR FIVE-PHASE TWO-LEVEL VSI WITH MINIMUN HARMONIC INJECTION IN THE OVERMODULATION REGION". IN IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, VOL. 60(5):2042-2053, 2013 (ISI).
- E. FUENTES, C.A. SILVA AND J.I. YUZ, "PREDICTIVE SPEED CONTROL OF A TWO-MASS SYSTEM DRIVEN BY A PERMANENT MAGNET SYNCHRONOUS MOTOR". IN IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, VOL. 59(7):2840-2848, JULY 2012 (ISI).

RICARDO SIMPSON

POSITION IN THE PROJECT: PROJECT MANAGERS

LAST NAME	SECOND LAST NAME	NAMES	
SIMPSON	RIVERA	RICARDO JOSÉ	
DATE OF BIRTH	E-MAIL	PHONE	FAX
19/03/1954	RICARDO.SIMPSON@USM.CL	32-2654302	
RUT ID \$ TAX NUMBER	PRESENT POSITION		
7.059.608-3	FACULTY MEMBER, DEPARTMENT OF CHEMICAL AND ENVIRONMENTAL ENGINEERING		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
CIVIL ENGINEER BIOCHEMICAL	UNIVERSIDAD CATÓLICA DE VALPARAÍSO	CHILE	1980
MASTER OF SCIENCE	OREGON STATE UNIVERSITY	USA	1990
DOCTOR OF PHILOSOPHY	OREGON STATE UNIVERSITY	USA	1993

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	FACULTY MEMBER, DEPARTMENT OF CHEMICAL AND ENVIRONMENTAL ENGINEERING		TO DATE
PONTIFICIA UNIVERSIDAD CATÓLICA DE VALPARAÍSO	PROFESOR	1984	1999

OTHER INFORMATION

RELEVANT PROJECTS, LAST 3 YEARS.

- 2015. RESPONSIBLE RESEARCH PROJECT UTFSM "MODELING AND CHARACTERIZATION PHENOMENOLOGICAL PROCESSES COUPLED WITH MARINATED SALTED AND ELECTRIC FIELD."
- 2015-2017. INVESTIGADOR RESPONSABLE PROYECTO FONDECYT-CONICYT "MODELLING AND PHENOMENOLOGICAL CHARACTERIZATION OF SALTING AND MARINATING PROCESSING COUPLED WITH ELECTRIC FIELD".

REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)

- MAGAZINES: 1 AUTHOR (10), CO-AUTHOR (16).
- BOOKS: 1 AUTHOR (2).
- BOOK CHAPTERS: 1 AUTHOR (5), CO-AUTHOR (3).
- CONFERENCE: 1 AUTHOR (34), CO-AUTHOR (39).

KAREM TELLO

POSITION IN THE PROJECT: PROJECT DEVELOPMENT TEAMS

LAST NAME	SECOND LAST NAME	NAMES	
TELLO	ARAYA	KAREM EVA	
DATE OF BIRTH	E-MAIL	PHONE	FAX
06/09/1980	KAREM.TELLO@USM.CL	32-2654467	
RUT ID \$ TAX NUMBER	PRESENT POSITION		
13.743.640-K	FACULTY MEMBER DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
METALLURGICAL CIVIL ENGINEER	UTFSM	CHILE	2006
MASTER OF SCIENCE (MATERIALS SCIENCE)	COLORADO SCHOOL OF MINES	USA	2009
DOCTOR OF PHILOSOPHY (MATERIALS SCIENCE)	COLORADO SCHOOL OF MINES	USA	2012

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	FACULTY MEMBER DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING		TO DATE

OTHER INFORMATION

RELEVANT PROJECTS, LAST 3 YEARS.

- 2013-2016. INVESTIGADOR PRINCIPAL PROYECTO FONDECYT "PHASE TRANSFORMATIONS IN TITANIUM-PLATINUM ALLOYS IN THE COMPOSITION RANGE 40-50 ATOMIC PERCENT PLATINUM FOR SHAPE MEMORY ALLOYS"

REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)

- REVISTAS: 1° AUTOR (4), CO-AUTOR (3).
- CONGRESOS: 1° AUTOR (6), CO-AUTOR (5).

CELIN MORA

POSITION IN THE PROJECT: PROJECT DEVELOPMENT TEAMS				
LAST NAME		SECOND LAST NAME		NAMES
MORA		AGUIRRE		CELIN
DATE OF BIRTH		E-MAIL		PHONE FAX
15/01/1953		CELIN.MORA@USM.CL		32-2652727
RUT ID \$ TAX NUMBER		PRESENT POSITION		
6.585.184-9		ACADEMIC COORDINATOR, INTRODUCTORY PLAN FOR ENGINEERING STUDIES		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		
ACADEMIC BACKGROUND				
TITLES AND DEGREES		UNIVERSITY	COUNTRY	YEAR OBTAINED
METALLURGICAL ENGINEER EXECUTION		UTFSM	CHILE	1977
MASTER IN EDUCATION AND MULTIMEDIA		UNIVERSIDAD AUTÓNOMA DE BARCELONA	ESPAÑA	2003
DIPLOMA IN TEACHING SKILLS		UNIVERSIDAD VIRTUAL DEL INSTITUTO TECNOLÓGICO DE MONTERREY	MÉXICO	1999
PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)				
INSTITUTION		POSITION	FROM	TO
UTFSM		PROFESSOR. DIRECTOR OF INTEGRATED LEARNING CENTER IN BASIC SCIENCES (CIAC). TEACHER COORDINATOR OF CIVIL ENGINEERING COMMON PLAN		PRESENT
UTFSM		RESEARCH PROFESSOR AND INSTRUCTOR MATERIALS SCIENCE DEPARTMENT	1977	2003
OTHER INFORMATION				
RELEVANT PROJECTS, LAST 3 YEARS.				
<ul style="list-style-type: none"> 2013-2014. EXECUTIVE DIRECTOR PROJECT MECESUP FSM-1206 "ACADEMIC COMMUNITY GRANT, STRENGTHENING UNIVERSITY STUDENTS WITH ACADEMIC MERIT AND LOW SOCIOECONOMIC STATUS." 2014-2015. EXECUTIVE DIRECTOR PROJECT MECESUP FSM-1304 "IMPROVING STUDENT ACHIEVEMENT ACADEMIC CAREER TECHNICAL VINEYARD SITES OF THE SEA AND DESIGN". 2014-2015. EXECUTIVE DIRECTOR PROJECT MECESUP FSM-1303 "AN INTEGRATED ACADEMIC SUPPORT FOR ENGINEERING STUDENTS CAMPUS SANTIAGO". 2014-2015. EXECUTIVE PROJECT DIRECOR MECESUP FSM-1313 "ACADEMIC COMMUNITY GRANT, STRENGTHENING UNIVERSITY STUDENTS WITH ACADEMIC MERIT AND LOW SOCIOECONOMIC STATUS OF SAN JOAQUIN CAMPUS". 				

RICARDO HENRIQUEZ

POSITION IN THE PROJECT: PROJECT DEVELOPMENT TEAMS				
LAST NAME		SECOND LAST NAME		NAMES
HENRIQUEZ		CORREA		RICADOR ANDRÉS
DATE OF BIRTH		E-MAIL		PHONE FAX
15/02/1978		RICARDO.HENRIQUEZ@USM.CL		32-2654021
RUT ID \$ TAX NUMBER		PRESENT POSITION		
13.464.272-6		FACULTY MEMBER DEPARTMENT OF PHYSICS		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		
ACADEMIC BACKGROUND				
TITLES AND DEGREES		UNIVERSITY	COUNTRY	YEAR OBTAINED
DEGREE IN SCIENCE, MENTION PHYSICS.		UNIVERSIDAD DE CHILE	CHILE	2003
MASTER OF SCIENCE, MAJOR IN PHYSICS		UNIVERSIDAD DE CHILE	CHILE	2005
DOCTOR OF SCIENCE, MAJOR IN PHYSICS		UNIVERSIDAD DE CHILE	CHILE	2010
PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)				
INSTITUTION	POSITION			FROM TO
UNIVERSIDAD DE CHILE	COORDINATOR OF EXPERIMENTAL PHYSICS COURSES FOR HIGH SCHOOL STUDENTS OF THE PROGRAM: "SUMMER SCHOOL FOR HIGH SCHOOL STUDENTS"			2003 2011
ALICANTE COLLEGE	SCIENCE DEPARTMENT COORDINATOR			2004 2004
COLEGIO SANTA MARÍA REINA	PHYSICS TEACHER			2001 2003
OTHER INFORMATION				
RELEVANT PROJECTS, LAST 3 YEARS.				
<ul style="list-style-type: none"> 2013-2015. PROJECT CO-INVESTIGATOR CONICYT "ECOS-CONICYT C12E02: SELF ASSEMBLED MONOLAYERS (SAMS) ON SEMICONDUCTOR AND REACTIVE SURFACES. 2013-2015. RESEARCH ASSISTANT FONDEF PROJECT "DEVELOPMENT BASED ON CARBON MATERIALS NANOSCALE FOR USE IN REPLACEMENT LEAD ANODES USED IN COPPER ELECTRO-GET". 2014-2015. RESPONSIBLE RESEARCH PROJECT DGIP-111 469 UTFSM "GRAPHITIC MEMBRANE DEVELOPMENT TO CONTROL THE ACTION IN DISSOLVING BACTERIAL METAL SURFACES". 2015-2017. RESPONSIBLE RESEARCH PROJECT FONDECYT "ELECTRON SCATTERING SURFACE IN GOLD ULTRA THIN FILMS ON SAPPHIRE". 				
REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)				
<ul style="list-style-type: none"> MAGAZINES: 1 AUTHOR (4), CO-AUTHOR (12). • CONFERENCE: 1 AUTHOR (6), CO-AUTHOR (14) 				

ANDRÉS FUENTES

POSITION IN THE PROJECT: PROJECT MANAGERS

LAST NAME	SECOND LAST NAME	NAMES	
FUENTES	CASTILLO	ANDRÉS	
DATE OF BIRTH	E-MAIL	PHONE	FAX
JANUARY 1, 1980	ANDRES.FUENTES@USM.CL	56 32 265 4650	
RUT ID \$ TAX NUMBER	PRESENT POSITION		
12.478.716-5	PROFESSOR IN THE DEPARTAMENTO DE INDUSTRIAS AT TECHNICAL UNIVERSITY FEDERICO SANTA MARIA (UTFSM), VALPARÁISO, CHILE.		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
PH.D. FLUID MECHANICS, MAYOR IN COMBUSTION AND THERMAL ENERGY	UNIVERSITÉ DE POITIERS	FRANCE	2006
MSC. THERMAL ENERGY AND COMBUSTION	UNIVERSITÉ DE POITIERS	FRANCE	2003
ENG. INDUSTRIAL ENGINEERING	TECHNICAL UNIVERSITY FEDERICO SANTA MARIA	CHILE	2002
BSC. INDUSTRIAL ENGINEERING	TECHNICAL UNIVERSITY FEDERICO SANTA MARIA	CHILE	2001

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
DEPARTAMENTO DE INDUSTRIAS AT UNIVERSIDAD TÉCNICA FEDERICO SANTA MARÍA, VALPARAISO, CHILE.	PROFESSOR. MY TEACHING FOCUSES ON THE FUNDAMENTALS OF ENERGY, FLUID MECHANICS, HEAT TRANSFER AND COMBUSTION. THE RESEARCH IS CARRIED OUT IN THE ENERGY CONVERSION AND COMBUSTION GROUP WORKING IN EXPERIMENTAL AND NUMERICAL SIMULATION IN COMBUSTION, FOREST FIRES AND THERMAL SOLAR ENERGY.	2009	PRESENT
AIX-MARSEILLE UNIVERSITÉ AND IUSTI OF CNRS	MAÎTRE DE CONFÉRENCES (PROFESSOR) AT THE AIX-MARSEILLE UNIVERSITÉ AND RESEARCHER AT IUSTI OF CNRS IN THE FIRE DYNAMICS GROUP WORKING ON EXPERIMENTAL AND COMPUTATIONAL PROBLEMS SUCH AS FIRE SAFETY IN SPACECRAFT ENVIRONMENTS, FIRE SIMULATIONS, DYNAMICS OF SMOULDERING COMBUSTION AND FOREST AND WILDLAND FIRES.	2007	PRESENT
EDINBURGH FIRE RESEARCH CENTRE, AT THE UNIVERSITY OF EDINBURGH.	RESEARCH FELLOW. THE INVESTIGATION WORK WAS PRINCIPALLY COMMITTED TO THE DEVELOPMENT OF GROUND PENETRATING RADAR (GPR) DIAGNOSTIC TECHNIQUE FOR THE UNDERSTANDING OF QUENCHING COMBUSTION PROCESSES IN POROUS MEDIA.	2006	2007
PPRIME INSTITUTE OF CNRS, POITIERS, FRANCE.	GRADUATE RESEARCH ASSISTANT. ASSISTANT IN THE COMBUSTION COURSE AND SPECIAL LECTURE OF FIRE DYNAMICS SIMULATORS IN THE UNIVERSITÉ DE POITIERS.	2002	2006

OTHER INFORMATION

AWARDS AND HONORS

- 2013-PRESENT BOARD MEMBER OF FOUNDING COUNCIL CALLED *FONDO NACIONAL DE DESARROLLO CIENTÍFICO Y TECNOLÓGICO* (FONDECYT), CHILE.
- 2003-2006 *ÉCOLE NORMALE SUPÉRIEURE DE MÉCANIQUE ET D'AÉROTECHNIQUE* (ENSMA) AND CNRS SCHOLARSHIP FOR PHD STUDIES.
- 2002-2203 FRENCH GOVERNMENT SCHOLARSHIP FOR MSC STUDIES BETWEEN 2002-2003.

RELEVANT PROJECTS, LAST 3 YEARS.

- 2015-2016 ENERGY CONVERSION AND COMBUSTION GROUP REDES140625 (PI).
- 2015-2016 UC BERKELEY-CHILE SEED FUNDS, UNIVERSITY OF CALIFORNIA, BERKELEY (PI).
- 2013-2015 SOOT PRODUCTION IN AN INVERSE DIFFUSION FLAME: APPLICATION FOR NON-CONVENTIONAL FUELS, FONDECYT 1130627 (PI).
- 2013-2015 CHARACTERIZATION OF CHILEAN BIOMASS FUELS USING CALORIMETRIC METHODS, FONDECYT 1130957 (COPI).
- 2013-2014 ENERGY CONVERSIONS AND COMBUSTION GROUP REDES130090 (COPI).

REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)

- F. LIU, J.-L. CONSALVI, A. FUENTES, EFFECTS OF WATER VAPOR ADDITION TO THE AIR STREAM ON SOOT FORMATION AND FLAME PROPERTIES IN A LAMINAR COFLOW ETHYLENE/AIR DIFFUSION FLAME, *COMBUST. FLAME* 161 (2014) 1724-1734.
- FUENTES, R. HENRÍQUEZ, F. NMIRA, F. LIU, J.-L. CONSALVI, EXPERIMENTAL AND NUMERICAL STUDY OF THE EFFECTS OF THE OI ON THE RADIATION CHARACTERISTICS OF LAMINAR COFLOW DIFFUSION FLAMES, *COMBUST. FLAME* 160 (2013) 786-795.

CARLOS ROSALES

POSITION IN THE PROJECT: PROJECT DEVELOPMENT TEAMS

LAST NAME	SECOND LAST NAME	NAMES	
ROSALES	HUERTA	CARLOS	
DATE OF BIRTH	E-MAIL	PHONE	FAX
24/03/1965	CARLOS.ROSALES@USM.CL	32-2654167	
RUT ID \$ TAX NUMBER	PRESENT POSITION		
8.683.260-1	FACULTY MEMBER, DEPARTMENT OF MECHANICAL ENGINEERING		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
B.S. IN MECHANICAL ENGINEERING	UTFSM	CHILE	1987
P.E. MECHANICAL ENGINEER	UTFSM	CHILE	1989
M.SC IN MECHANICAL ENGINEERING	UTFSM	CHILE	1997

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	PROFESSOR OF DEPARTMENT OF MECHANICAL ENGINEERING	2007	PRESENT
UTFSM	ASSISTANT PROFESSOR DEPARTMENT OF MECHANICAL ENGINEERING	2001	2007
CETEC S.A.	CHIEF ENGINEER CENTER OF ENERGY AND ENVIRONMENT	1997	2001

OTHER INFORMATION

AWARDS AND HONORS

- FEDERICO SANTA MARÍA UNIVERSITY AWARD FOR EXCELLENCE IN TEACHING, 2015.
- FEDERICO SANTA MARÍA UNIVERSITY AWARD FOR OUTSTANDING TEACHING, 2013.
- FEDERICO SANTA MARÍA UNIVERSITY AWARD FOR EXCELLENCE IN TEACHING, 2011.
- FEDERICO SANTA MARÍA UNIVERSITY AWARD FOR OUTSTANDING TEACHING, 2010.

RELEVANT PROJECTS, LAST 3 YEARS.

- 2009-2011. RESEARCH GRANTS: CONICYT "SYNTHETIC MTLM TURBULENCE: PASSIVE SCALAR AND PASSIVE VECTOR FIELDS AND A NEW METHOD FOR INFLOW BOUNDARY CONDITIONS IN LARGE-EDDY SIMULATIONS" FONDECYT 11080025.
- 2012. RESEARCH GRANTS: USM-DGIP "CONDICIONES DE CONTORNO EN SIMULACIONES LARGE-EDDY MEDIANTE TURBULENCIA SINTÉTICA MTLM ANISOTRÓPICA.

REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)

- 2014. YI LI AND C. ROSALES "CONSTRAINED MULTI-SCALE TURNOVER LAGRANGIAN MAP FOR ANISOTROPIC SYNTHETIC TURBULENCE: A PRIORI TEST", PHYSICS OF FLUIDS, 26, 075102:1-22.
- 2012. C.E. ZAMBRA, N.O. MORAGA, C. ROSALES, E. LICTEVOUT, "UNSTEADY 3D HEAT AND MASS TRANSFER DIFFUSION COUPLED WITH TURBULENT FORCED CONVECTION FOR COMPOST PILES WITH CHEMICAL AND BIOLOGICAL REACTIONS", INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, 55, 6695-6704.
- 2011. L. CHEVILLARD, E. LEVEQUE, F. TADDIA, C. MENEVEAU, H. YU AND C. ROSALES, "LOCAL AND NONLOCAL PRESSURE HESSIAN EFFECTS IN REAL AND SYNTHETIC FLUID TURBULENCE", PHYSICS OF FLUIDS, 23, 095108:1-9.
- 2011. C. ROSALES "SYNTHETIC THREE-DIMENSIONAL TURBULENT PASSIVE SCALAR FIELDS VIA THE MINIMAL LAGRANGIAN MAP", PHYSICS OF FLUIDS, 23, 075106:1-22.
- 2011. C. ZAMBRA, C. ROSALES, N. MORAGA AND M. RAGAZZI, "SELF-HEATING IN A BIOREACTOR: COUPLING OF HEAT AND MASS TRANSFER WITH TURBULENT CONECTION", INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, 54, 5077-5086.

CAROLINA URBINA

POSITION IN THE PROJECT: PROJECT DEVELOPMENT TEAMS

LAST NAME		SECOND LAST NAME	NAMES	
URBINA			CAROLINA ANDREA	
DATE OF BIRTH		E-MAIL	PHONE	FAX
03/02/1979		CAROLINA.URBINA@USM.CL	32-2652696	
RUT ID \$ TAX NUMBER		PRESENT POSITION		
13.548.547-0		DIRECTOR OF GRADUATE AND PROFESSIONAL PROGRAMS		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
LICENSEE IN PSYCOLOGY / PSYCHOLOGIST	UNIVERSITY OF SANTIAGO DE CHILE	CHILE	2003
CERTIFICATE OF ADVANCED STUDIES (MASTER)	AUTONOMOUS UNIVERSITY OF MADRID	SPAIN	2009
PH.D. IN PSYCHOLOGICAL DEVELOPMENT, LEARNING AND EDUCATION	AUTONOMOUS UNIVERSITY OF MADRID	SPAIN	2013

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UNIVERSITY OF SANTIAGO	COORDINATOR OF STUDIES AND LINKING WITH THE ENVIROMENT, EDUCATIONAL INNOVATION UNIT.	2011	2013
AUTONOMOUS UNIVERSITY OF MADRID	RESEARCH TRAINEE, INTER FACULTY DEPARTMENT OF DEVELOPMENTAL AND EDUCATIONAL PSYCHOLOGY	2007	2011
JUNAEB CHILE	PSYCHOLOGIST, ABILITIES FOR LIFE PROGRAM	2004	2006
UNIVERSITY OF SANTIAGO	PART TIME PROFESSOR, SCHOOL OF PSYCHOLOGY / DEPARTMENT OF EDUCATION	2003	2006

OTHER INFORMATION

REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)

- URBINA, C., SIMON, C. Y ECHEITA, G. (2011), TEACHING CONCEPTIONS ABOUT DISRUPTIVE BEHAVIOR IN CLASS, INFANCIA Y APRENDIZAJE, 34, 2, 205-217.
- URBINA, C. Y CÁRDENAS, J. P. (2012), INTERUNIVERSITY COLLABORATION IN CHILE. THE CASE OF MECESUP PROJECTS FROM THE PERSPECTIVE OF SCIENCES OF COMPLEXITY, REVISTA CALIDAD EN LA EDUCACIÓN, 12, 1-37.
- SANTOS GUERRA, M. A Y URBINA, C. (2013). EVALUATION AS LEARNING, EXPERIENCES IN THE UNIVERSITY OF SANTIAGO DE CHILE, , ISBN: 978-956-303-147-8, EDITORIAL: LOM, SANTIAGO DE CHILE.
- ECHEITA, G. SIMON, C. LÓPEZ, M. Y URBINA, C., (2013) INCLUSIVE EDUCATION. REFERENCE SYSTEMS, COORDINATES AND VORTEXES OF A DILEMATIC PROBLEMA. IN DISCAPACIDAD E INCLUSIÓN. MANUAL PARA LA DOCENCIA, SALAMANCA, 329-357,

TEACHING ACADEMIC ACTIVITIES, LAST 3 YEARS

- ASSOCIATE RESEARCHER, PROYECTO ANILLOS SOC1110 (2013-2015)
- MAIN RESEARCHER, POSTDOCTORAL PROJECT FONDECYT (2013-2015)
- MAIN RESEARCHER, "EVALUATION AT THE UNIVERSITY" PROJECT, USACH (2012-2013)
- RESEARCHER IN CHARGE "STUDY OF THE DYNAMICS OF INTERUNIVERSITY COLLABORATION IN CHILE" PROJECT, CONSEJO NACIONAL DE EDUCACIÓN (2011-2012)

ASSOCIATED RESEARCHER SANTANDER BANK SPAIN PROJECT: "ON LINE EDUCATION FOR INCLUSIVE EDUCATION" (2011-2012)

PROFESSIONAL –TEACHING ACTIVITIES LAST 3 YEARS.

- COLLABORATING PROFESSOR, MAGISTER OF EDUCATIONAL PSYCHOLOGY, ESCUELA DE PSICOLOGÍA, USACH, 2012.
- PROFESSOR, CERTIFICATE IN UNIVERSITY TEACHING, UNIE-USACH (2011-2013)

PROFESSOR PSYCHOLOGY OF LEARNING COURSE, DEPARTMENT OF TEACHING, USACH, 2011.

RAÚL STEGMAIER

POSITION IN THE PROJECT: PROJECT DEVELOPMENT TEAMS				
LAST NAME		SECOND LAST NAME		NAMES
STEGMAIER		BRAVO		RAÚL ENRIQUE
DATE OF BIRTH		E-MAIL		PHONE
26/07/1968		RAUL.STEGMAIER@USM.CL		32-2654272
RUT ID \$ TAX NUMBER		PRESENT POSITION		
7.887.713-8		FACULTY MEMBER, DEPARTMENT OF INDUSTRIES (BUSINESS)		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		
ACADEMIC BACKGROUND				
TITLES AND DEGREES		UNIVERSITY	COUNTRY	YEAR OBTAINED
DEGREE IN INDUSTRIAL ENGINEERING		UTFSM	CHILE	1992
INDUSTRIAL CIVIL ENGINEER		UTFSM	CHILE	1992
MASTER OF SCIENCE IN INDUSTRIAL ENGINEERING, PRODUCTION STATEMENT		UNIVERSIDAD DE CHILE	CHILE	1998
PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)				
INSTITUTION		POSITION	FROM	TO
UTFSM		SUPERIOR COUNCIL MEMBER	2014	PRESENT
UTFSM		MASTER DIRECTOR ASSET MANAGEMENT AND MAINTENANCE.	2014	PRESENT
UTFSM		DIRECTOR DEPARTMENT OF INDUSTRY	2011	2014
UTFSM		DIRECTOR MASTER IN TECHNOLOGICAL INNOVATION AND ENTREPRENEURSHIP MITE	2007	
OTHER INFORMATION				
RELEVANT PROJECTS, LAST 3 YEARS.				
<ul style="list-style-type: none"> 2010-2013. PROYECTOS DE INVESTIGACIÓN USM. "INVESTIGACIÓN CIENTÍFICA CONJUNTA DEPARTAMENTO INDUSTRIAS USM, DEPARTAMENTO GESTIÓN E ING. NUCLEAR – POLITÉCNICO DE MILAN Y DEPT. ING. INDUSTRIAL U. SEVILLA". 2008-2010. PROYECTO MECESUP, JEFE PROYECTO "FORTALECIMIENTO MAGÍSTER EN INNOVACIÓN TECNOLÓGICA Y EMPRENDIMIENTO". 2005-2006. PROYECTO CORFO FDI, JEFE DE PROYECTO "SISTEMA DE TRANSFORMACIÓN INSTANTÁNEA DE INFORMACIÓN" 				
REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)				
<ul style="list-style-type: none"> L. BARBERA, A. CRESPO, P. VIVEROS, R. STEGMAIER. "A CASE STUDY OF GAMM IN THE MINING INDUSTRY. RELIABILITY ENGINEERING & SYSTEMS SAFETY; VOL. 121, PP, 113-120; 2014. P. VIVEROS, E. ZIO, C. NIKULIN, R. STEGMAIER, G. BRAVO. "RESOLVING EQUIPMENT FAILURE CAUSES BY ROOT CAUSE ANALYSIS AND THEORY OF INVENTIVE PROBLEM SOLVING". PROCEEDING OF THE INSTITUTION OF MECHANICAL ENGINEERS PART O-JOURNAL OF RISK AND RELIABILITY; VOL 228 (1), PP, 93-111, 2014. C. NIKULIN, S. GRAZIOSI, G. CASCINI, R. STEGMAIER. "INTEGRATED MODEL FOR TECHNOLOGY ASSESSMENT AND EXPECTED EVOLUTION: A CASE STUDY IN THE CHILEAN MINING INDUSTRY", JOURNAL OF INTEGRATED DESIGN AND PROCESS SCIENCE, VOL 17(4), PP 53-80, 2013. P. VIVEROS, R. STEGMAIER, A. CRESPO, L. BARBERÁ. "MODELO AVANZADO PARA LA GESTIÓN DE MANTENIMIENTO EN UN CICLO DE MEJORA CONTINUA", REVISTA INGENIERÍA Y GESTIÓN EN MANTENIMIENTO, N°69, 2010, ESPAÑA. 				

CARLOS AGUIRRE

POSITION IN THE PROJECT: PROJECT DEVELOPMENT TEAMS

LAST NAME	SECOND LAST NAME	NAMES	
AGUIRRE	AHUMADA	CARLOS	
DATE OF BIRTH	E-MAIL	PHONE	FAX
13/01/1948	CARLOS.AGUIRRE@USM.CL	32-2654180	32-2654115
RUT ID \$ TAX NUMBER	PRESENT POSITION		
5.434.013-3	DIRECTOR OF CENTER AND INSTITUTES OF RESEARCH AND INNOVATION		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
CIVIL ENGINEER	UNIVERSIDAD DE CHILE	CHILE	1974
MSc SEISMIC ENGINEERING	UNIVERSIDAD DE CHILE	CHILE	1983
POSTGRADUATE AND RESEARCH DIPLOMA IN SEISMIC ENGINEERING	INTERNATIONAL INSTITUTE OF SEISMOLOGY AND EARTHQUAKE ENGINEERING. MINISTRY OF CONSTRUCTION, TSUKUBA	JAPAN	1984

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	ETHICS COMMITTEE OF THE UNIVERSITY. CHAIRMAN	2011	PRESENT
UTFSM	COMMITTEE OF ACADEMIC EVALUATION, CIVIL ENGINEERING DEPARTMENT. CHAIRMAN	1992	2014
UTFSM	DIRECTIVE BOARD OF THE UNIVERSITY. BOARD MEMBER	2006	2014
UTFSM	LABORATORY OF TESTING MATERIALS AND CONSTRUCTION SUPERVISION (LEMCO). BOARD MEMBER	2002	
UTFSM	CIVIL ENGINEERING DEPARTMENT. CHAIRMAN	1981	2002

OTHER INFORMATION

RELEVANT PROJECTS, LAST 3 YEARS.

- RESEARCH AND DEVELOPMENT PROJECTS. PARTICIPATION IN SEVERAL RESEARCH AND DEVELOPMENT PROJECTS DEALING WITH SEISMIC RISK, SEISMIC MICROZONING, SEISMIC BEHAVIOR OF STRUCTURES, EXPERIMENTAL BEHAVIOR OF STRUCTURES, LOW COST HOUSING AND SEISMIC RESPONSE OF STRUCTURES.

REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)

- APPROXIMATELY 60 SCIENTIFIC PAPERS AND REPORTS PUBLISHED IN UNITED STATES, ARGENTINA, NETHERLANDS, BRAZIL, MEXICO, NEW ZEALAND, CANADA, JAPAN, ROMANIA, PERU AND CHILE. PRESENTATIONS AT WORLD CONFERENCES IN SEISMIC ENGINEERING, CONFERENCES OF CHILEAN ASSOCIATION OF SEISMOLOGY AND EARTHQUAKE ENGINEERING, WORKSHOPS: CONNECTIONS IN STEEL STRUCTURES, PACIFIC STRUCTURAL STEEL CONFERENCE, BUILDING RESEARCH INSTITUTE AND INTERNATIONAL SEMINAR OF MICROZONING AND LIFELINES HELD IN LIMA, PERÚ. MEMBER OF THE EDITORIAL BOARD OF THE JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH.

DANIEL RAMÍREZ

POSITION IN THE PROJECT: PROJECT MANAGERS

LAST NAME	SECOND LAST NAME	NAMES	
RAMIREZ	LIVINGSTON	DANIEL	
DATE OF BIRTH	E-MAIL	PHONE	FAX
13/11/1960	DANIEL.RAMIREZ@USM.CL	98842836	
RUT ID \$ TAX NUMBER	PRESENT POSITION		
8.912.414-K	FACULTY MEMBER, DEPARTMENT OF CHEMICAL AND ENVIRONMENTAL ENGINEERING		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
CHEMICAL ENGINEER	UTFSM	CHILE	1985
CERTIFICATE IN ADMINISTRATION AND HUMAN RESOURCES MANAGEMENT	PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE	CHILE	1995
MANAGEMENT DEVELOPMENT PROGRAM CERTIFICATE	UNIVERSIDAD DE CHILE	CHILE	2000

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	PROFESSOR FULL TIME, DEPARTMENT OF CHEMICAL AND ENVIRONMENTAL ENGINEERING	2013	PRESENT
ERSA	OPERATIONS MANAGER	2012	2013
ERSA	OPTIMIZATION MANAGER	2009	2011
ERA	OPERATIONS MANAGER	2008	2009

OTHER INFORMATION

AWARDS AND HONORS

- 1985. GRADUATED WITH HONORS OBTAINING THE "FEDERICO SANTA MARÍA Y CARRERA AWARD" AS THE BEST STUDENT OF THE CHEMICAL ENGINEERING CLASS.
- 2007. OUTSTANDING PROFESSIONAL CAREER AWARD AT UTFSM.

PRESENTATIONS IN CONFERENCES AND OTHERS.

- 2013. SECURITY AND INTEGRITY OF REFINING OPERATION PROCESSING, CONFERENCE OF BLACK OIL AND GAS. ARPEL 2103.
- 2006. CONFERENCE INVITED TO THE 4TH JOURNAL OF CHILEAN CATALYSTS AND ABSORPTION AT UNIVERSIDAD DE CHILE.
- 2003. PANELIST AT THE ANNUAL CONFERENCE OF REFINERIES ASSOCIATION USA (NPRA).
- 2001. "CATALYST IN THE REFINERY INDUSTRY", SEMINAR AT USACH CATALYSTS FOR PROTECTING THE ENVIRONMENT.
- 1996. "IDENTIFYING PEOPLE WITH SKILLS TO WORK NIGHT SHIFTS" CONFERENCE ON WORK SHIFTS AND SCHEDULES ORGANIZED BY AIC.

SUPERVISED THESIS CHEMICAL ENGINEERING

- ROXANA ALVARES CERIANI, 2014, CHEMICAL ENGINEERING. DEVELOPMENT AND ADJUSTMENT OF A MODEL IN HYSYS FOR THE HYDROCRACKER UNIT AT ERA.
- IGNACIO JORDAN DONOSO, 2014, CHEMICAL ENGINEERING. IMPROVEMENT OF THE MODEL OF MINERALOGY CHARACTERIZATION FOR A COPPER OXIDE DEPOSIT.
- ANDREA MAYA MUÑOZ, 2014, CHEMICAL ENGINEERING. PRE-FEASIBILITY OF RESIDUAL HEAT RECUPERATION OF A BY-PRODUCT PLANT OF SOPRAVAL S.A.

WERNER KRISTJANPOLLER

POSITION IN THE PROJECT: PROJECT MANAGERS

LAST NAME	SECOND LAST NAME	NAMES	
KRISTJANPOLLER	RODRÍGUEZ	WERNER DAVID	
DATE OF BIRTH	E-MAIL	PHONE	FAX
14/01/1975	WERNER.KRISTJANPOLLER@USM.CL	32-0654901	
RUT ID \$ TAX NUMBER	PRESENT POSITION		
14.375.821-4	DIRECTOR 3IE AND FACULTY MEMBER, DEPARTMENT OF INDUSTRIES (BUSINESS)		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
INDUSTRIAL CIVIL ENGINEER	UTFSM	CHILE	1998
MBA MASTER IN BUSINESS MANAGEMENT	UTFSM	CHILE	2001
DOCTOR IN BUSINESS	UNIVERSIDAD AUTÓNOMA DE MADRID	ESPAÑA	2008

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	DIRECTOR OF INTERNATIONAL INSTITUTE OF INNOVATION AND ENTREPRENEURSHIP	2014	PRESENT
UTFSM	HEAD OF RACE INDUSTRIAL CIVIL ENGINEERING	2013	PRESENT
UTFSM	MBA DIRECTOR	2006	2012

OTHER INFORMATION

AWARDS AND HONORS

- 2014. ACADEMIC MERIT AWARD FOR THE BEST TEACHERS OF HEADQUARTERS 2012 UTFSM.
- 2011. ACADEMIC MERIT AWARD FOR THE BEST TEACHERS OF HEADQUARTERS 2010 UTFSM.
- 2006. ACADEMIC MERIT AWARD FOR THE BEST TEACHERS CAMPUS SANTIAGO UTFSM.
- 1998. FEDERICO SANTA MARIA AWARD FOR BEST QUALIFIED RACE INDUSTRIAL CIVIL ENGINEERING.

RELEVANT PROJECTS, LAST 3 YEARS.

- 2007-2008. EDU ICT PROJECT DIRECTOR FONDEF "COLLABORATIVE NETWORKS TO SUPPORT EDUCATION AND SEARCH OF KNOWLEDGE, FOCUSED EDUCATION INSTITUTIONS".
- 2007-2008. RESEARCH PROJECT RESEARCH CENTERS UTFSM "CLUSTER HIGH PERFORMANCE COMPUTING IN SCIENCE AND ENGINEERING".
- 2007. INTERNAL RESEARCH PROJECT UTFSM "HIGH PERFORMANCE COMPUTING IN SCIENCE AND ENGINEERING".
- 2002-2004. INTERNAL RESEARCH PROJECT CO-UTFSM "A MICRO AND MACRO ECONOMIC ANALYSIS OF BANKRUPTCY IN CHILE. A THEORETICAL AND ECONOMETRIC "MODEL.

REPRESENTATIVE PUBLICATIONS (OVER 70 PEER- REVIEWED PUBLICATIONS)

- W. KRISTJANPOLLER & J. OLSON, "CHOISE OF RETIREMENT FUNDS IN CHILE: ARE CHILEAN WOMEN MORE RISK AVERSE THAN MEN?", SEX ROLES, VOL 72, N°1, 50-67, JANUARY 2015 (ISI).
- W. KRISTJANPOLLER & M. MINUTOLO, "GOLD PRICE VOLATILITY: A FORECASTING APPROACH USING THE ARTIFICIAL NEURAL NETWORK-GARCH MODEL", EXPERT SYSTEM WITH APPLICATIONS, VOL. 42, ISSUE 5, 7245-7251, APRIL, 2015 (ISI).
- W. KRISTJANPOLLER & J. OLSON, "THE EFFECT OF FINANCIAL KNOWLEDGE AND DEMOGRAPHIC VARIABLES ON PASSIVE AND ACTIVE INVESTMENT IN CHILE'S PENSION PLAN". JOURNAL OF PENSION ECONOMICS AND FINANCE 14(03), JULY 2015, 293-314. (ISI).
- E. ROJAS & W. KRISTJANPOLLER. "VALUE FOR BY VOLUME AND EFFECT CAUSALITY ANALYSIS DAY WEEK IN LATIN AMERICAN MARKETS EQUITY". READINGS OF ECONOMICS NO. 83, 9-31, JULY-DECEMBER 2015 MEDELLIN, COLOMBIA. (SCIELO).
- W. KRISTJANPOLLER & T. ARENAS, "THE EFFECT PERSISTS MONTH END IN MAJOR LATIN AMERICAN MARKETS EQUITY, EVEN AT THE LEVEL OF INDIVIDUAL ACTIONS", ACCOUNTING AND ADMINISTRATION, MEXICO, VOL.60, NO.1, JANUARY-MARCH 2015 (SCIELO).

FRANCISCO SOTO

POSITION IN THE PROJECT: PROJECT DEVELOPMENT TEAMS

LAST NAME		SECOND LAST NAME	NAMES	
SOTO		SALAZAR	FRANCISCO	
DATE OF BIRTH		E-MAIL	PHONE	FAX
		FRANCISCO.SOTO@USM.CL		
RUT ID \$ TAX NUMBER		PRESENT POSITION		
		PROJECT MANAGER CCTVAL		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
BACHELOR OF BUSINESS	UTFSM	CHILE	

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO

OTHER INFORMATION

RELEVANT PROJECTS.

- FROM 2010 AN NOW I BECAME COO OF A RESEARCH CENTER FROM THE UNIVERSITY, GROUP OF THREE RESEARCH LINES:
 - EXPERIMENTAL PHYSICS
 - POWER ELECTRONICS
 - HIGH PERFORMANCE COMPUTING
- 2006 TO 2009 I'VE STARTED TO BE PROJECT MANAGER FOR 3 PROJECTS (WHICH I STARTED AND FINISHED) 800K RAISED
 - SOFTWARE DEVELOPMENT IN DENTAL
 - RESEARCH TO IMPLEMENT A SPINOFF POLICY FOR UNIVERSITIES; I HIRE 2 COMPANIES IN SPAIN AND US TO SUPPORT THE RESEARCH.
 - LUNCH A HIGH PERFORMANCE COMPUTING CENTER (I HELPED TO GET FUNDING AND HIRE ENGINEERS)

REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)

- 2011, BOOK (2 CHAPTERS) ABOUT SPINOFF UNIVERSITY SUPPORTED BY A PROFESSOR, FROM THE PROJECT STARTED IN 2009

LUIS SALINAS

POSITION IN THE PROJECT: PROJECT MANAGERS

LAST NAME	SECOND LAST NAME	NAMES	
SALINAS	CARRASCO	LUIS	
DATE OF BIRTH	E-MAIL	PHONE	FAX
02/10/1946	LUIS.SALINAS@USM.CL	32-2654149	
RUT ID \$ TAX NUMBER	PRESENT POSITION		
5.504.437-6	FACULTY MEMBER, DEPARTMENT OF COMPUTER SCIENCE		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
ELECTRONIC ENGINEER	UTFSM	CHILE	1971
GRADUATE STUDIES IN MATHEMATICS AND COMPUTER SCIENCE	UNIVERSITÄT DES SAARLANDES, SAARBRÜCKEN	GERMANY	1975
DR. RER. NAT. MATHEMATICS, FUNCIONAL ANALYSIS	UNIVERSITÄT DES SAARLANDES, SAARBRÜCKEN	GERMANY	1976

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	FULL PROFESSOR INFORMATICS DEPARTMENT	1998	PRESENT
UNAM, MÉXICO	VISITING PROFESSOR	2007	2007
POLYTECHNIC ACADEMY OF THE CHILEAN AIR FORCE	VISITING PROFESSOR	1993	1994

OTHER INFORMATION

AWARDS AND HONORS

- 1986. INVITED SPEAKER AT THE FUNCTIONAL ANALYSIS AND FUNCTION ALGEBRAS CONFERENCE OF THE MATHEMATISCHES FORSCHUNGSINSTITUT OBERWOLFACH, GERMANY.
- 1985. SABBATICAL SEMESTER AWARDED BY THE UTFSM TO CARRY ON MATHEMATICAL RESEARCHES UNDER PROF. DR. STEPHAN RUSCHEWEYH AT THE MATHEMATISCHES INSTITUT, UNIVERSITÄT WÜRZBURG.
- 1975. INVITED SPEAKER AT THE FUNCTIONAL ANALYSIS CONFERENCE OF THE MATHEMATISCHES FORSCHUNGSINSTITUT OBERWOLFACH, OBERWOLFACH, GERMANY.
- 1971. AWARD OF THE VALPARAISO INSTITUTE OF ENGINEERS TO "THE ENGINEER GRADUATING IN 1971 WITH THE HIGHEST GRADE POINT AVERAGE DURING HIS STUDIES AT THE UTFSM".

PATENTS:

- L. SALINAS: "AIRCRAFT CAPABLE OF HOVERING AND CONVENTIONAL FLIGHT", ASSIGNEE: CHILECOPTORS, INC. PHILADELPHIA, PA. US PATENT N°6,113,029 ISSUED AND PUBLISHED ON SEPTEMBER 5, 2000, BY THE UNITED STATES PATENTS AND TRADE OFFICE. DETAILS MAY BE OBTAINED AT THE USPTO, <http://patft.uspto.gov/>.

RELEVANT PROJECTS, LAST 3 YEARS.

- 2010. PROJECT FONDECYT "COMPUTACIONAL AND GEOMETRIC FUNCTION THEORY 2010". REGULAR PROJECT.
- PROYECTO ANILLO, INSTITUTE FOR ADVANCED STUDIES IN SCIENCE AND ENGINEERING, UTFSM. EN CONJUNTO CON WILL BROOKS (DIRECTOR), BORIS KOPELOVICH, CLAUDIO DIB Y JOSÉ RODRÍGUEZ.
- 2009-2014. PROGRAMA DE FINANCIAMIENTO BASAL DE CENTROS CIENTÍFICOS Y TECNOLÓGICOS DE EXCELENCIA PARA CHILE: CENTRO CIENTÍFICO TECNOLÓGICO DE VALPARAÍSO, UTFSM. EN COLABORACIÓN CON IVAN SCHMIDT (DIRECTOR), JOSÉ RODRIGUEZ.
- 2007-2009. DIRECTOR OF THE PROJECT "CENTER FOR TECHNOLOGICAL INNOVATION: HIGH PERFORMANCE COMPUTING IN SCIENCE AND ENGINEERING" UTFSM.

REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)

- ST. RUSCHEWEYH, L. SALINAS. "NEW POLYA-SCHOENBERG TYPE THEOREMS", JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, 363 (2) (2010), PP 481-496.
- ST. RUSCHEWEYH, L. SALINAS. "UNIVERSALLY PRESTARLIKE FUNCTIONS AS CONVOLUTION MULTIPLIERS", MATHEMATISCHE ZEITSCHRIFT, 263 (3) (2009), PP.607-617.
- ST. RUSCHEWEYH, L. SALINAS, T. SUGAWA. "COMPLETELY MONOTONE SEQUENCES AND UNIVERSALLY PRESTARLIKE FUNCTIONS", ISRAEL JOURNAL OF MATHEMATICS, VOL.171, N°1 (2009), PP. 285-304.

CHRISTOPHER NIKULIN

POSITION IN THE PROJECT: PROJECT DEVELOPMENT TEAMS

LAST NAME	SECOND LAST NAME	NAMES	
NIKULIN	CHANDÍA	CHRISTOPHER NICK	
DATE OF BIRTH	E-MAIL	PHONE	FAX
01/11/1983	CHRISTOPHER.NIKULIN@USM.CL	32-2654778	
RUT ID \$ TAX NUMBER	PRESENT POSITION		
15.333.193-6	FACULTY MEMBER, CAREER ENGINEERING DESIGN PRODUCTS		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
INGENIERÍA CIVIL MECÁNICA	UTFSM	CHILE	2009
MAGISTER EN CIENCIAS DE LA INGENIERÍA MECÁNICA	UTFSM	CHILE	2009
MAGISTER EN INNOVACIÓN TECNOLÓGICA Y EMPRENDIMIENTO	UTFSM	CHILE	2011
MBA INTERNATIONAL	UNIVERSIDAD POLITÉCNICA DE CATALUÑA	ESPAÑA	2012
PHD. IN MECHANICAL ENGINEERING	POLITÉCNICO DE MILANO	ITALIA	2015

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	FACULTY MEMBER CAREER ENGINEERING DESIGN PRODUCTS	2015	PRESENT

OTHER INFORMATION

RELEVANT RESEARCH PROJECTS, LAST 3 YEARS.

- 2015. INVESTIGADOR ASOCIADO PROYECTO CONICYT "CENTRO CIENTÍFICO TECNOLÓGICO VALPARAÍSO (CCTVAL). ÁREA DE INVESTIGACIÓN MÉTODOS DE DISEÑO Y FABRICACIÓN DE PRODUCTOS Y ANÁLISIS DE TECNOLOGÍAS BASADO EN PATENTES.
- 2012-2015. RESEARCHER AND SECOND MENT PROYECT "FORECAST AND ROADMAPPING FOR MANUFACTURING TECHNOLOGIES (FORMAT) FUNDER UNDER 7TH FWP".
- 2010-2013. INVESTIGADOR PROYECTO CORFO INNOVA "SISTEMA DE GESTIÓN DE CONOCIMIENTO DEL CLUSTER A TRAVÉS DE UNA PLATAFORMA TECNOLÓGICA GEORREFERENCIAL SOBRE LAS EMPRESAS PROVEEDORAS DE LA MINERÍA PARA MEDIR Y DESARROLLAR REPORTES Y ANÁLISIS SOBRE COMPETITIVIDAD".

REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)

- 2015. C.O. VERGARA, C. NIKULIN & N.C. PAEZ, "PROPUESTA DE ESTRATEGIA DE EMPODERAMIENTO BASADO EN ANÁLISIS CAUSA-RAÍZ Y TEORIA INVENTIVA DE RESOLUCIÓN DE PROBLEMAS/PROPUESTA DE EMPODERAMIENTO PARA POTENCIAR EL RECURSO HUMANO", DYNA, 90(5);446.
- 2014. P. VIVEROS, E. ZIO, C. NIKULIN, R. STEGMAIER AND G. BRAVO, "RESOLVING EQUIPMENT FAILURE CAUSES BY ROOT CAUSE ANALYSIS AND THEORY OF INVENTIVE PROBLEM SOLVING", PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS, PART 0: JOURNAL OF RISK AND RELIABILITY, 228(1); 93-111.
- 2014. C. NIKULIN, F. RETAMAL, P. SARIEGO, "METHOD FOR TECHNOLOGICAL ANALYSIS BASED ON LOGISTIC GROWTH CURVES AND BAYESIAN NETWORKS", DYNA, 89(3); 569-578. 370-374.
- 2013. L. BARBERÁ, A. CRESPO, P. VIVEROS, C. NIKULIN, "APPLICATION OF METHODS FOR PROBLEM SOLVING IN AN INDUSTRIAL CASE, DYNA, 88(4):370-374.

JAVIER CAÑAS

POSITION IN THE PROJECT: PROJECT DEVELOPMENT TEAMS				
LAST NAME		SECOND LAST NAME		NAMES
CAÑAS		ROBLES		JAVIER
DATE OF BIRTH		E-MAIL		PHONE FAX
16/11/1949		JAVIER.CANAS@USM.CL		32-2654421
RUT ID \$ TAX NUMBER		PRESENT POSITION		
5.604.548-1		FACULTY MEMBER, DEPARTMENT OF COMPUTER SCIENCE		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		
ACADEMIC BACKGROUND				
TITLES AND DEGREES		UNIVERSITY	COUNTRY	YEAR OBTAINED
ELECTRONIC ENGINEERING		UTFSM	CHILE	1974
M.S. IN COMPUTER SCIENCE		UNIVERSIDAD DE CHILE	CHILE	1986
PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)				
INSTITUTION		POSITION	FROM	TO
UTFSM		PROFESSOR IN THE DEPARTMENT OF COMPUTER SCIENCE		PRESENT
UTFSM		PROFESSOR IN THE ELECTRONIC DEPARTMENT	1974	1987
OTHER INFORMATION				
RELEVANT PROJECTS, LAST 3 YEARS.				
<ul style="list-style-type: none"> SINCE 2013, DIRECTOR OF CENTER OF TECHNOLOGICAL INNOVATION IN HIGH PERFORMANCE COMPUTING. 2013-2015: ALTERNATE DIRECTOR FONDEF PROJECT: "DESIGN AND IMPLEMENTATION OF A DATABASE TSUNAMI HAZARD PREDICTION FOR CHILEAN COAST USING HIGH PERFORMANCE COMPUTATIONAL MODELING". 2012-2013, INNOVA CORFO PROJECT DIRECTOR: "KNOWLEDGE MANAGEMENT SYSTEM CLUSTER THROUGH A GEOREFERENCED TECHNOLOGY PLATFORM ON MINING SUPPLIERS TO MEASURE AND DEVELOP REPORTS AND ANALYSIS ON THE TERRITORIAL COMPETITIVENESS OF THESE". 2012, PROJECT DIRECTOR: "REMOTE MONITORING SYSTEM FOR THE EFFECTIVE PROTECTION OF THE EXCLUSIVE ECONOMIC ZONE OF EASTER ISLAND SALAS Y GOMEZ". REQUESTED BY OCEANA INC. 				

SERGIO MURÚA

POSITION IN THE PROJECT: PROJECT DEVELOPMENT TEAMS

LAST NAME		SECOND LAST NAME	NAMES	
MURUA			SERGIO	
DATE OF BIRTH		E-MAIL	PHONE	FAX
		SERGIO.MURUA@USM.CL	23531480	
RUT ID \$ TAX NUMBER		PRESENT POSITION		
		EXECUTIVE DIRECTOR PROJECTS IT DEVELOPMENT CENTER, DEPARTMENT OF COMPUTER SCIENCE		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		

ACADEMIC BACKGROUND

TITLES AND DEGREES		UNIVERSITY	COUNTRY	YEAR OBTAINED
INGENIERO CIVIL INFORMÁTICO		UTFSM	CHILE	1989
MASTER'S DEGREE INGENIERÍA INDUSTRIAL		PONTIFICIA UNIVERSIDAD CATÓLICA DE RÍO DE JANEIRO	BRASIL	1995

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	DIRECTOR DIPLOMA NEW TECHNOLOGIES IN THE MINING SECTOR	2012	PRESENT
UTFSM	DEVELOPMENT CENTER DIRECTOR PROJECT MANAGEMENT IT	2011	PRESENT
UTFSM	DIRECTOR DIPLOMA PROJECT MANAGEMENT IT	2007	PRESENT
ORACLE	CONSULTANT	1998	2005

OTHER INFORMATION

RELEVANT PROJECTS, LAST 3 YEARS.

- 2013-PRESENT. CORFO PROJECT "SYSTEM FOR MEASURING GEOREFERENCED INNOVATION AND COMPETITIVENESS ATACAMA MINING CLUSTER" PARTICIPATION IN PROJECT MANAGEMENT.
- 2013-PRESENT. PROJECT "THE VALUE OF CHILE'S PMO". OBJECTIVES: 1) TO GIVE A VISION STATE'S IN THE PMO CHILEAN ORGANIZATIONS, 2) DETERMINING VALUE OF MATURITY IN PROJECT MANAGEMENT COOPERATIVA, 3) DETERMINE PMO'S FEATURES THAT ADD VALUE TO THE ORGANIZATION.

JORGE PONTT

POSITION IN THE PROJECT: PROJECT MANAGERS

LAST NAME	SECOND LAST NAME	NAMES	
PONTT	OLIVARES	JORGE	
DATE OF BIRTH	E-MAIL	PHONE	FAX
14/07/1953	JORGE.PONTT@USM.CL	32-2654280	
RUT ID \$ TAX NUMBER	PRESENT POSITION		
6.324.051-6	FACULTY MEMBER, DEPARTMENT OF ELECTRONICS		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
ENGINEER ELECTRICAL	UTFSM	CHILE	1977
M.S. DEGREES IN ELECTRICAL ENGINEERING	UTFSM	CHILE	1977

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	PROFESSOR IN THE DEPARTMENT OF ELECTRONICS ENGINEERING		
UTFSM	DIRECTOR OF CASIM CENTER AUTOMATION AND SUPERVISION OF MINING INDUSTRY		
UTFSM	DIRECTOR OF NEIM, MILENNIUM NUCLEUS INDUSTRIAL ELECTRONICS, MECHATRONICS AND PROCESS CONTROL.		
UTFSM	DIRECTOR OF THE LABORATORY FOR RELIABILITY AND POWER QUALITY LACSE.		

OTHER INFORMATION

- APPLIED R&D, AND CONSULTANT TO THE MINING INDUSTRY, PARTICULARLY, IN THE ANALYSIS AND EFFICIENCY IMPRVEMENTS, AS WELL AS, FAILURE ANALYSIS, DESIGN AND APPLICATION OF POWER ELECTRONICS, DRIVES, INSTRUMENTATION, POWER QUALITY AND SMART SYSTEMS, WITH THE MANAGEMENT OF MORE THAN 80 CONSULTING AND APPLIED R&D PROJECTS. SOME CASES: CODELCO CHUQUICAMATA BALL MILL (ELECTRICAL FIRE), CODELCO ANDINA SAG-GMD FAILURE, CODELCO EL TENIENTE SAG1-GMD AND SAG2-GMD FAILURES, CANDELARIA SAG MILL ISSUES, MINERA LOS PELAMBRES ELECTRICAL SYSTEM AND CONCENTRATOR ISSUES, CONCENTRATOR COLLAHUASI SAG-GMD FAILURES, ANTAMINA SAG GMD FAILURES, AMONG OTHERS.
- CO-AUTHOR OF 11 GRANTED PATENTS AND OTHER PATENTS APPLICATIONS, CONCERNING INNOVATIVE INSTRUMENTATION SYSTEMS EMPLOYED IN HIGH-POWER CONVERTERS AND LARGE GRIDING MILL DRIVES, WITH INDUSTRIAL APPLICATIONS AND TECHNOLOGY TRANSFER IN 5 CONTINENTS.
- DURING 2015 CO-AUTOR OF TWO CHILEAN PATENTS APPLICATIONS.
- COAUTHOR OF HARMONIX, SOFTWARE FOR HARMONIC ANALYSIS OF INDUSTRIAL SYSTEMS. COAUTHOR OF MORE THAN 100 INTERNATIONAL REFEREED JOURNALS AND CONFERENCE PAPERS (38 PAPERS ISI).
- DIRECTOR OF SEVERAL PROYECTS FONDECYT & FONDEF WITH R&D GRANTS FROM CONICYT, INCLUDING INTERNATIONAL COLLABORATION.
- CO-FOUNDER OF SPIN-OFFS. CURRENTLY, HE IS DIRECTOR OF TWO TECHNOLOGY-BASED COMPANIES.
- EMINENT ENGINEER OF THE YEAR 2008, IEEE REGION 9 (LATINAMERICA).
- AWARD OF "BEST TECHNOLOGIC DEVELOPMENT 2014", GIVEN FROM AIE-CHILE (CHILEAN ASSOC. OF ELECTRICAL AND ELECTRONIC INDUSTRY).
- CHAIR IEEE INDUSTRY APPLICATIONS SOCIETY (IAS) CHILE CHAPTER AND PAST-CHAIR IEEE IAS MINING INDUSTRY COMMITTEE.
- INVITED SPEAKER AND LECTURER FOR SEVERAL KEYNOTES IN INTERNATIONAL CONFERENCES.

MARIO TOLEDO

POSITION IN THE PROJECT:				
LAST NAME		SECOND LAST NAME		NAMES
TOLEDO		TORRES		MARIO
DATE OF BIRTH		E-MAIL		PHONE
MARCH 22 OF 1977		MARIO.TOLEDO@USM.CL		32-2654162
ID & TAX NUMBER		PRESENT POSITION		
14.325.645-6		DIRECTOR DEPARTMENT AND FACULTY MEMBER OF MECHANICAL ENGINEERING		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		
ACADEMIC BACKGROUND				
TITLES AND DEGREES		UNIVERSITY	COUNTRY	YEAR OBTAINED
DR. SCIENCES OF ENGINEERING, MENTION IN PROCESS ENGINEERING		UNIVERSITY OF SANTIAGO OF CHILE.	CHILE	2005
MECHANICAL ENGINEER		UNIVERSITY OF SANTIAGO OF CHILE.	CHILE	2001
PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)				
INSTITUTION		POSITION	FROM	TO
UTFSM		FULL-TIME ACADEMIC DEPARTMENT OF MECHANICAL	2008	PRESENT
MECESUP PROGRAM, MINISTRY OF EDUCATION OF CHILE		PROJECT ENGINEER	2001	2007
OTHER INFORMATION				
PUBLICATIONS: REFEREED ARTICLES				
<ul style="list-style-type: none"> 2013 HYDROGEN AND SYNGAS PRODUCTION FROM PROPANE AND POLYETHYLENE. INTERNATIONAL JOURNAL OF HYDROGEN ENERGY. ACCEPTED. 2013 USE OF PHASE CHANGE MATERIALS ON AN ADSORBED CARBON DIOXIDE STORAGE SYSTEM, APPLIED THERMAL ENGINEERING 51 512-519. 2012 LIQUID BUTANE AS AN ALTERNATIVE FUEL FOR DIESEL OIL BURNERS, APPLIED THERMAL ENGINEERING 45 PP. 1-8. 2012 HYBRID FILTRATION COMBUSTION OF NATURAL GAS AND COAL, INTERNATIONAL JOURNAL OF HYDROGEN ENERGY 7 PP. 6942-6948. 2011 SYNGAS PRODUCTION IN HYBRID FILTRATION COMBUSTION, INTERNATIONAL JOURNAL OF HYDROGEN ENERGY 36 PP. 3907-3912. 				
PROFESSIONAL EXPERIENCE				
<ul style="list-style-type: none"> MARCH 2010 -2013 ASSISTANT PROFESSOR, COORDINATOR OF MASTER IN ENERGY ECONOMICS, DEPARTMENT OF MECHANICAL ENGINEERING, UNIVERSIDAD TÉCNICA FEDERICO SANTA MARÍA (UTFSM). MARCH 2007 –FEBRUARY 2010: YOUNGER INVESTIGATOR, PART-TIME PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, UNIVERSIDAD TÉCNICA FEDERICO SANTA MARIA (UTFSM). 				
RESEARCH PROJECT MANAGEMENT				
<ul style="list-style-type: none"> 2012 – 2015 PROJECT FONDECYT 1121188: HYDROGEN AND SYNGAS PRODUCTION BY PARTIAL OXIDATION OF HEAVY FUEL OIL. PRINCIPAL RESEARCH, UTFSM. 2011 – 2015 PROJECT FONDEF D09I1070: ANALYSIS AND DATABASE GENERATION OF POTENTIAL ENERGY AND EMISSIONS OF BIOFUELS OF NATIONAL INTEREST DIRECTOR (A), UTFSM. 2010 – 2012 PROJECT FONDECYT 1100884: STUDIES OF STORAGE AND CONTROL RELEASED TECHNOLOGIES OF CARBON DIOXIDE AND ITS CATALYTIC TRANSFORMATION BY METHANE REFORMING ON TO ACTIVATED CARBONS BASED MATERIALS ASSISTANT RESEARCH, CONCEPCIÓN UNIVERSITY AND UTFSM. 				

PEDRO SERRANO

POSITION IN THE PROJECT:				
LAST NAME		SECOND LAST NAME		NAMES
SERRANO		RODRÍGUEZ		PEDRO
DATE OF BIRTH		E-MAIL		PHONE
21/11/1951		PEDRO.SERRANO@USM.CL		32-0654007
RUT ID \$ TAX NUMBER		PRESENT POSITION		
4.827.349-1		FACULTY MEMBER DEPARTMENT OF ARCHITECTURE		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		
ACADEMIC BACKGROUND				
TITLES AND DEGREES		UNIVERSITY	COUNTRY	YEAR OBTAINED
EXECUTION ELECTRONIC ENGINEER, CONTROL AND DIGITAL SYSTEMS STATEMENT		UTFSM	CHILE	1976
QUALIFIED EXPERT IN LIGHTING		PONTIFICIA UNIVERSIDAD CATÓLICA DE VALPARAÍSO	CHILE	1981
MASTER IN MANAGEMENT AND LOCAL DEVELOPMENT		INSTITUTO INTERUNIVERSITARIO DE DESARROLLO LOCAL UNIVERSITAT JAUME 1, UNIVERSITAT DE VALENCIA	SPAIN	2011
PHD IN LOCAL DEVELOPMENT AND TERRITORY		UNIVERSITAT DE VALENCIA, UNIVERSITAT JAUME I DE CASTELLO	SPAIN	2012
PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)				
INSTITUTION		POSITION	FROM	TO
UTFSM		FULL-TIME ACADEMIC DEPARTMENT OF ARCHITECTURE	1998	PRESENT
UNIVERSIDAD TECNOLÓGICA METROPOLITANA		PART-TIME ACADEMIC SCHOOL OF ARCHITECTURE	1996	2007
UNIVERSIDAD DE TALCA		GUEST PROFESSOR SCHOOL OF ARCHITECTURE	1998	2006
OTHER INFORMATION				
AWARDS AND HONORS				
<ul style="list-style-type: none"> GUEST SPEAKER: 27 TIMES, NATIONALLY AND INTERNATIONALLY. 34 BOOKS PUBLISHED AND PRINTED OWN PUBLISHED BY VARIOUS PUBLISHERS AND INSTITUTIONS (UNICEF, CETEL CNE FUCOA, MOE, SM, BROEDERLIJ GIVE, ARTESOL, CANOLO NOS UTSM AND OTHERS) 90 PAPERS ACCEPTED FOR ORAL PRESENTATION, NATIONAL AND INTERNATIONAL CONFERENCES. 				
RELEVANT PROJECTS, LAST 3 YEARS.				
<ul style="list-style-type: none"> 2009-2012. ICD-USM PROJECT INNOVATION CENTER ENERGY, SOLAR ENERGY APPLIED RESEARCH, SOLAR KITCHENS, DRY AND APPLICATIONS TRAINING SOLAR THERMAL, PHOTOVOLTAIC SYSTEMS, IN VARIOUS LOCAL COMUNICADES. 2011-2012. ALTERNATE DIRECTOR-PROJECT EXPLORES CONYCIT-UTFSM "SCIENCE AND TECHNOLOGY FOR STUDENTS OF SPECIAL SCHOOLS" 2007-2010. INTERNATIONAL PROJECT DIRECTOR DIRECTOR AND LOCAL NETWORK MECESUP USA 0604; UTFSM, USACH, UV, U.SERENA, U. TALCA. 				
REPRESENTATIVE PUBLICATIONS (OVER 70 PEER-REVIEWED PUBLICATIONS)				
<ul style="list-style-type: none"> P. SERRANO & L.F. GONZÁLEZ, "EXPLORING OUTDOOR EDUCATION IN ARCHITECTURE" SPECIAL ISSUE, IHO INTERNATIONAL OPEN HOUSE, SHAPING THE FUTURE OF LEARNING ENVIRONMENTS, AND BEST PRACTICES EMERGING Paradigms, MARCH 2009 VOL. 34, ISSUE 1, GUEST EDITOR DR. ASHRAF SALAMA. (PAPER ISI). P. SERRANO, "VALPARAISO, SUSTAINABLE HERITAGE" INVI No. 65; VOL.24, PP.179-194, MAY 2009. (PAPER SCIELO). P. SERRANO "GEODESIC POST EARTHQUAKE. APPLIED RESEARCH IN EMERGENCY "INVI No. 72, VOL. 26 PP.129-152, AUGUST 2011 (PAPER SCIELO). 				

HUGO VILLARROEL

POSITION IN THE PROJECT: COMMUNICATIONAL SUPPORT

LAST NAME		SECOND LAST NAME	NAMES	
VILLARROEL		NAVARRO	HUGO	
DATE OF BIRTH		E-MAIL	PHONE	FAX
		HUGO.VILLARROEL@USM.CL	32-2654124	
RUT ID \$ TAX NUMBER		PRESENT POSITION		
		GENERAL DIRECTOR FOR PUBLIC AFFAIRS & COMMUNICATIONS		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
JOURNALIST	PONTIFICIA UNIVERSIDAD CATÓLICA DE VALPARAÍSO	CHILE	2009
DEGREE IN SOCIAL COMMUNICATION	PONTIFICIA UNIVERSIDAD CATÓLICA DE VALPARAÍSO	CHILE	2009

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	GENERAL DIRECTOR OF COMMUNICATIONS	2015	PRESENT
UTFSM	OFFICE BOARD MEMBER OF INNOVATION AND ENTREPRENEURSHIP	2014	PRESENT
UTFSM	DEPUTY DIRECTOR OF COMMUNICATIONS	2010	-
AGROFREE	MARKETING DIRECTOR	2012	-

OTHER INFORMATION

AWARDS AND HONORS

- NATIONAL CONTEST WINNER THESIS STUDENTS OF THE NATIONAL LIBRARY, WITH PROJECT "THE CHILEAN FARANDULIZACIÓN POLICY, THE CASE OF THE HONORABLE HOUSE OF REPRESENTATIVES"
- CONTEST WINNER RESET AND START UP, IVAN VERA (INNSPIRAL)
- CONTEST WINNER INSTITUTE 3IE UTFSM, BOOSTER UP BY PROJECT "FREE AGRO SOLUTIONS MODULAR AUTOMATED CROP"

MARÍA ALICIA GARCÍA

POSITION IN THE PROJECT: STRATEGIC SUPPORT

LAST NAME	SECOND LAST NAME	NAMES	
GARCÍA	NUÑEZ	MARÍA ALICIA	
DATE OF BIRTH	E-MAIL	PHONE	FAX
26/07/1971	MARÍA.GARCIA@USM.CL	56 -32-2654370	
RUT ID \$ TAX NUMBER	PRESENT POSITION		
12.005.679-4	EXECUTIVE COORDINATOR, PLANNING GENERAL DIRECTION		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
INDUSTRIAL CIVIL ENGINEER	UTFSM	CHILE	2002
DIPLOMA, MANAGEMENT OF HIGHER EDUCATION INSTITUTIONS	PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE	CHILE	2010

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
UTFSM	IN CHARGE, AUTO EVALUATION AND QUALITY UNIT	2004	2006
UTFSM	STUDIES ENGINEER	2001	2003
SIDEM TRAINING COMPANY	IN CHARGE OF ADMINISTRATIVE MANAGEMENT.	1999	2000

OTHER INFORMATION

DIRECTOR, MESESUP PROJEC FSM602:

- STRENGTHENING OF MANAGEMENT CAPACITIES USM. 2006 – 2010. DURING ITS EXECUTION IT WAS POSSIBLE TO DEVELOP AND INSTALL THE PRESENT INSTITUTIONAL ANALYSIS UNIT OF THE TECHNICAL UNIVERSITY FEDERICO SANTA MARIA.
- WIDE EXPERIENCE IN AREAS SUCH AS UNIVERSITY MANAGEMENT, STRATEGIC PLANNING, SELF-EVALUATION AND ACCREDITATION, FORMULATION, EVALUATION AND IMPLEMENTATION OF PROJECTS.

ENGINEERING 2030 PROJECT

- EXECUTION ASSISTANT, 1ST. PHASE.

JUAN DIAZ

POSITION IN THE PROJECT: DATA SUPPORT

LAST NAME		SECOND LAST NAME	NAMES	
DIAZ		RÍOS	JUAN DE DIOS	
DATE OF BIRTH		E-MAIL	PHONE	FAX
17/08/1987		JUAN.DIAZR@USM.CL	56 7137 2662	
RUT ID \$ TAX NUMBER		PRESENT POSITION		
16.816.580-3		COORDINATOR, OFFICE OF INSTITUTIONAL ANALYSIS AND ASSESSMENT, UTFSM		
REGION	CITY	WORK ADDRESS		
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680		
ACADEMIC BACKGROUND				
TITLES AND DEGREES		UNIVERSITY	COUNTRY	YEAR OBTAINED
INDUSTRIAL CIVIL ENGINEER		TECHNICAL UNIVERSITY FEDERICO SANTA MARIA	CHILE	2012
DIPLOMA, UNIVERSITY MANAGEMENT		UNIVERSIDAD OF CHILE	CHILE	2013
PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)				
INSTITUTION		POSITION	FROM	TO
TECHNICAL UNIVERSITY FEDERICO SANTA MARIA		COORDINATOR, OFFICE OF INSTITUTIONAL ANALYSIS AND ASSESSMENT	2013	TO DATE
UNIVERSIDAD OF VIÑA DEL MAR		INSTITUTIONAL ANALYST	2012	2013
OTHER INFORMATION				

VANESSA MAMANI

POSITION IN THE PROJECT: BUDGET SUPPORT

LAST NAME	SECOND LAST NAME	NAMES	
MAMANI		VANESSA ANSELMA JOSEFINA	
DATE OF BIRTH	E-MAIL	PHONE	FAX
JULY 1ST, 1983	VANESSA.MAMANI@USM.CL	56 32 - 2654127	
RUT ID \$ TAX NUMBER	PRESENT POSITION		
15.690.450-3	DIRECTOR OF BUDGETING		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
MAGISTER IN MANAGEMENT CONTROL	UNIVERSIDAD OF CHILE	CHILE	2014
DIPLOMA IN HIGHER EDUCATION INSTITUTIONS MANAGEMENT	PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE	CHILE	2010
INDUSTRIAL CIVIL ENGINEER	TECHNICAL UNIVERSITY FEDERICO SANTA MARIA	CHILE	2007

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
TECHNICAL UNIVERSITY FEDERICO SANTA MARIA	BUDGET MANAGEMENT COORDINATOR ENGINEER	AGOSTO 2008	JULIO 2011
TECHNICAL UNIVERSITY FEDERICO SANTA MARIA	ASSISTANT FINANCIAL BUDGET MANAGEMENT	MARZO 2006	AGOSTO 2008
INTERNATIONAL INSTITUTE FOR BUSINESS INNOVATION	ASSISTANT COORDINATION	JULIO 2007	MAYO 2008

OTHER INFORMATION

CONSTANZA MORALES

POSITION IN THE PROJECT: ACADEMIC SUPPORT

LAST NAME	SECOND LAST NAME	NAMES	
MORALES	CHIAPPE	CONSTANZA PAOLA ANDREA	
DATE OF BIRTH	E-MAIL	PHONE	FAX
MARCH 3, 1986	CONSTANZA.MORALES@USM.CL	56-32-2654143	
RUT ID \$ TAX NUMBER	PRESENT POSITION		
16201009-3	EXECUTIVE SECRETARY, ACADEMIC VICE RECTORY		
REGION	CITY	WORK ADDRESS	
VALPARAISO	VALPARAISO	AVDA ESPAÑA 1680	

ACADEMIC BACKGROUND

TITLES AND DEGREES	UNIVERSITY	COUNTRY	YEAR OBTAINED
LICENSEE, SCIENCES OF ENGINEERING	TECHNICAL UNIVERSITY FEDERICO SANTA MARIA	CHILE	2011
CIVIL INDUSTRIAL ENGINEER	TECHNICAL UNIVERSITY FEDERICO SANTA MARIA	CHILE	2011

PROFESSIONAL BACKGROUND (EDUCATION AND RESEARCH)

INSTITUTION	POSITION	FROM	TO
TECHNICAL UNIVERSITY FEDERICO SANTA MARIA	EXECUTIVE SECRETARY, ACADEMIC VICE RECTORY	MAY 2014	TO DATE
TECHNICAL UNIVERSITY FEDERICO SANTA MARIA	ASSISTANT ENGINEER "NEW ENGINEERING FOR 2030" PROJECT, FIRST PHASE. GENERAL DIRECTION OF PLANNING AND DEVELOPMENT.	MAY 2013	APRIL 2014
TECHNICAL UNIVERSITY FEDERICO SANTA MARIA	ENGINEER IN CHARGE OF STUDIES IN THE INSTITUTIONAL ANALYSIS UNIT. GENERAL DIRECTION OF PLANNING AND DEVELOPMENT.	JULY 2012	DECEMBER 2010
TECHNICAL UNIVERSITY FEDERICO SANTA MARIA	SUPPORT ENGINEER IN THE PROCESS OF INSTITUTIONAL ACCREDITATION. GENERAL DIRECTION OF PLANNING AND DEVELOPMENT.	MARCH 2010	NOVEMBER 2010

OTHER INFORMATION

- 2014-TO DATE. EXECUTIVE DIRECTOR PROJECT MECESUP FSM 1310 " ORGANIC AND CONSOLIDATE INSTITUTIONAL METHODOLOGY FOR THE FORMULATION, IMPLEMENTATION AND EVALUATION OF IMPACT OF PERFORMANCE AGREEMENTS (CD)."
- NAME OF END OF STUDIES MEMORY: "ROLE OF SECONDARY EDUCATION IN THE DEVELOPMENT OF ENTREPRENEURIAL CULTURE. EXPLORATORY- DESCRIPTIVE STUDY OF THE COMPETENCES THAT PROMOTE THE ENTREPRENEURIAL SPIRIT IN SECONDARY EDUCATION STUDENTS"
- LANGUAGES: ADVANCED LABOR - 860 POINTS CORFO TOEIC CERTIFICATE 2014. ENGLISH COURSE IN OXFORD HOUSE COLLEGE, LONDON, UNITED KINGDOM, 2012.
- DIRECTOR "RESURO" ENTREPRENEURIAL PROJECT "SUSTAINABLE ROTOMOLDED SHELTERS"(2013). THIS INITIATIVE IS FORMED BY ARCHITECTS, ENGINEERS AND VISUAL ARTISTS WHERE MULTIDISCIPLINARY WORK HAS CREATED A PROJECT OF R+T+I WITH SOCIAL APPROACH. PRESENTLY IT HAS BEEN AWARDED TWO INTERNAL FUNDS FROM UTFSM THROUGH THE ACADEMIC STUDENT INITIATIVE PROGRAM (PIA<A) AND WORK IS BEING DONE IN SEARCH OF FINANCING BY PUBLIC OR PRIVATE ENTITIES. THE PROJECT WON THE OPPORTUNITY TO PARTICIPATE IN THE CULTURAL NOMADIC VILLAGE 2013 IN MARSEILLES, FRANCE, IN OCTOBER OF THIS YEAR, BEING THE FIRST LATIN-AMERICAN TEAM TO BE INVITED.