

Inhalt

- Seiten 1 und 2: Schulabschluss
Die Notenangaben sind jährlich und sind auf einer Skala von 0 (niedrigste Note) bis 10 (höchste Note).
- Seite 3: Bachelor Diplom
- Seiten 4 bis 8: Einzelnotenübersicht meines Bachelors
Die Notenangaben sind pro Semester und sind auf einer Skala von 0 (niedrigste Note) bis 10 (höchste Note). Meine Durchschnittsnote in meinem Bachelor war 7.9 von 10.
- Seite 9: Master Diplom
- Seiten 10 und 11: Einzelnotenübersicht meines Masters
Die Notenangaben sind pro Kurs und sind auf einer Skala von R (durchgefallen) bis A (höchste Note). In meinem Master habe ich A in allen Kursen bekommen.
- Seite 12: Notenangaben der Promotion
- Seite 13: Diplom der Promotion
- Ab Seite 15: Programmierung Zertifikaten

Abschluss der Grundschule

GIORGIO EUGENIO OSCARE GIACAGLIA
Tradutor Público e Intérprete Comercial
pela Junta Comercial do Estado de São Paulo
Matrícula n.º 474 (Italiano) e n.º 954 (Inglês)
CCM n.º 8.396.002-3 - RG n.º 1.584.372 SSP/SP



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Translation No. 4348/12

Book No. 22

Page No. 106

I, the undersigned, Dr. Giorgio Eugenio Oscare Giacaglia, Certified Sworn Translator, do hereby certify
this is a faithful translation of a document submitted to me in Portuguese.

OBJETIVO

TUPI PAULISTA EDUCATIONAL CENTER.
SUPPORTING ENTITY: CENTRO DE EDUCAÇÃO PRIMEIROS PASSOS S/C
LTDa.

AVENIDA 7 DE SETEMBRO, 1030 – PHONE 851-1455 – CEP 17.930-000 – TUPI PAULISTA – STATE OF SÃO PAULO.

Acknowledgement: Directive no. 1 from 01/28/98 – Subsection I from Article 1 of Resolution SE 76/95.

Deliberation CEE 26/86, modified by CEE 11/87.

TRANSCRIPT – SECONDARY EDUCATION. RECORD NO. 0518.

STUDENT							
Student's Name	BRUNO CÉZAR DE SOUZA FRANZON			Id. No. 40.479.013-6			
Date and place of birth	Location	State	Nationality	Day	Month	Year	
TUPI PAULISTA SP BRAZILIAN 19 08 87							
SECONDARY EDUCATION RESULTS							
STAGE: Secondary Education							
CURRICULAR COMPONENTS		SCORE OR MARK		COURSE HOURS			
GENERAL COMPONENTS		1 st G	2 nd G	3 rd G	1 st G	2 nd G	3 rd G TOTAL
Portuguese Language & Literature		8,5	8,5	10,0	150	150	180 480
History		8,5	9,0	9,5	090	090	090 270
Geography		8,5	8,5	9,5	090	090	090 270
Physics		9,0	9,0	9,5	120	120	180 420
Chemistry		9,0	10,0	10,0	120	120	180 420
Biology & Health Studies		8,5	9,0	9,5	090	090	180 360
Mathematics		9,5	9,0	10,0	120	120	180 420
Physical Education		9,5	8,5	9,0	090	090	090 270
Arts		9,0	-	-	060	-	- 060
GENERAL COMPONENTS – TOTAL HOURS		[--]	[--]	[--]	930	870	1170 2970
MISCELLANEOUS COMPONENTS							
Modern Foreign Language – English		7,5	8,0	9,0	060	060	060 180
Spanish Language		8,0	8,5	10,0	030	060	030 120
Computer Skills		9,5	-	-	030	-	- 030
Philosophy		-	-	10,0	-	-	030 030
MISCELLANEOUS COMPONENTS – TOTAL HOURS		[--]	[--]	[--]	120	120	120 360
TOTAL COURSE HOURS		[--]	[--]	[--]	1050	990	1290 3330
Religious Education		N/A	N/A	N/A	030	030	030 090

COURSES TAKEN			
PREVIOUS STAGE: BASIC EDUCATION			
YEAR OF COMPLETION	SCHOOL	CITY	STATE
2001	TUPI PAULISTA STATE SCHOOL	TUPI PAULISTA	SP



Abschluss der Grundschule

GIORGIO EUGENIO OSCARE GIACAGLIA
 Tradutor Público e Intérprete Comercial
 pela Junta Comercial do Estado de São Paulo
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ON SECONDARY EDUCATION						
GRADE	YEAR	SCHOOL	CITY	STATE		
1 st	2002	TUPI PAULISTA EDUCATIONAL CENTER	TUPI PAULISTA	SP		
2 nd	2003	TUPI PAULISTA EDUCATIONAL CENTER	TUPI PAULISTA	SP		
3 rd	2004	TUPI PAULISTA EDUCATIONAL CENTER	TUPI PAULISTA	SP		
TRANSFERS DURING THE SCHOOL YEAR						
SCHOOL RESULTS OF THE STUDENT IN THE SCHOOL YEAR FROM [---] TO [---] CLASS: [---] SHIFT SECONDARY SCHOOL. GRADE [---] GROUP [---] NUMBER IN CLASS [---]						
CURRICULAR COMPONENTS		SCORE OR MARK			Absences	Total classes
		1 st Q	2 nd Q	3 rd Q		
GENERAL COMPONENTS		[---]	[---]	[---]	[---]	[---]
MISCELLANEOUS COMPONENTS		[---]	[---]	[---]	[---]	[---]
RELIGIOUS EDUCATION Y() N()		[---]	[---]	[---]	[---]	[---]
SUPERVISED INTERNSHIP (TOTAL HOURS)		[---]	[---]	[---]	[---]	[---]
NOTE						
Minimum average score for approval: 6.0 (six).						
THIS DOCUMENT DOES NOT HAVE ANY AMENDMENTS OR ERASURES.						
[stamp: Tupi Paulista Educational Center, Colégio Objetivo. Av. 07 de Setembro, 1030. Phone: 5851-1455 – Tupi Paulista – SP]						
CERTIFICATION						
Under the Law no. 9394/96, the School Principal of the TUPI PAULISTA EDUCATIONAL CENTER hereby certifies that BRUNO CÉZAR DE SOUZA FRANZON, bearer of the Identity Card (RG) no. 40.479.013-6, completed the 3rd Grade from Secondary Education during the school year of 2004, being allowed to continue his studies to the Higher Education.						
01/25/2005 DATE	[signature] Secretary – Registry or Identity Number (Stamp) [stamp: Marcia Simone Grava. RG 26.810.207-7. Secretary]	[signature] Principal – Registry or Identity number (Stamp) [stamp: Terezinha Apda Morante Fernandes. Principal. RG 4.785.073]				
RESOLUTION SE N° 25/81 – ARTICLES 3 RD TO 4 TH						
RESERVED FOR USE BY THE RECEIVER SCHOOL CASE OF	D. O. E. IN	BOOK: NO: DATE: PAGE:	NOTES:	SIGNATURE		

Nothing else. Witness my hand and seal of office.
 São Paulo, Brazil, september 26th, 2012.




Bachelor Abschluss

GIORGIO EUGENIO OSCARE GIACAGLIA
Tradutor Público e Intérprete Comercial
pela Junta Comercial do Estado de São Paulo
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Translation No. 4347/12

Book No. 22

Page No. 105

I, the undersigned, Dr. Giorgio Eugenio Oscare Giacaglia, Certified Sworn Translator, do hereby certify
this is a faithful translation of a document submitted to me in Portuguese.

[coat of arms from University of São Paulo]

[seal from Federative Republic of Brazil]

[seal: In culture's universe, all places are the center.]

Federative Republic of Brazil.

University of São Paulo.

Institute of Physics.

The Dean of the University, exercising the powers conferred upon him, hereby grants to:

Bruno Cezar de Souza Franzon,

Brazilian citizen, bearer of the Identity Card – RG no. 40.479.013-6 SP, born on August
19th, 1987, in the State of São Paulo, the degree of:

Physics Graduate.

Received on January 14th, 2010, from the Physics Undergraduate Course.

And grants this Diploma, so that he can benefit from all the legal rights and privileges.

São Paulo, January 14h, 2010.

[signature]

Vice-Dean exercising the Rectorate.

Franco Maria Lajolo, Ph.D.

Director of the Institute of Physics.

Alejandro Szanto de Toledo, Ph.D.

Graduate.

Bruno Cezar de Souza Franzon.

Acknowledged by the Order CEE/GP no. 246 from 08/20/2009, DOE from 8/21/2009.

University of São Paulo.

General Office – Student Registrar Department.

Diploma enrolled under the no. 1557896.

Process no. 2010.1.195.43.1.

As per Law 9394/96, Article 48.

São Paulo, March 19th, 2010.

[signature]

Arley Rozena.

University Clerk.

Agreed.

[signature]

Rubens Beçak, Ph.D.

Secretary-General.

No. 0050361.

Nothing else. Witness my hand and seal of office.
São Paulo, Brazil, September 26th, 2012.



105

Bachelor Abschluss

GIORGIO EUGENIO OSCARE GIACAGLIA
Tradutor Público e Intérprete Comercial
pela Junta Comercial do Estado de São Paulo
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I, the undersigned, Dr. Giorgio Eugenio Oscare Giacaglia, Certified Sworn Translator, do hereby certify
this is a faithful translation of a document submitted to me in Portuguese.

Translation N° 3934/12

Book N° 19

Page N° 125

[Logo: SCIENTIA VINCES]
FEDERATIVE REPUBLIC OF BRAZIL
SÃO PAULO UNIVERSITY
PHYSICS INSTITUTE
THE PRESIDENT OF SÃO PAULO UNIVERSITY USING HIS POWERS CONFFERS ON
BRUNO CEZAR DE SOUZA FRANZON
[Logo: FEDERATIVE REPUBLIC OF BRAZIL, ORDER AND PROGRESS]
[Logo: IN UNIVERSE OF CULTURE-THE CENTER IS EVERYWHERE.]
A BRAZILIAN NATIONAL
HOLDER OF IDENTITY DOCUMENT
RG No. 40.479.013-6 SP,
BORN ON AUGUST 19TH 1987.
AND A NATIVE OF SÃO PAULO STATE
THE AWARD OF
DEGREE IN PHYSICS
OBTAINED ON JANUARY 14TH 2010,
IN THE PHYSICS COURSE
AND, CAN TAKE ADVANTAGE OF ALL THE RIGHTS AND LEGAL PRIVILEGES, GRANTED IN
THIS PRESENT DEGREE.
SÃO PAULO JANUARY 14TH 2010.

[illegible signature]
VICE-PRESIDENT IN THE PERFORMANCE OF THE PRESIDENCY
PROFESSOR. DR. FRANCO MARIA LAJOLI

[illegible signature]
IF [Physics Institute] DIRECTOR
PROFESSOR. DR. ALEJANDRO SZANTO DE TOLEDO.

[Logo]
DEGREE AWARDED TO
BRUNO CEZAR DE SOUZA FRANZON

RECOGNIZED BY THE ADMINISTRATIVE RULE CEE/GP No. 246 OF 20/08/2009, D.O.E [Official
State Gazette] OF 21/08/2009.

SÃO PAULO UNIVERSITY
GENERAL SECRETARY
ACADEMIC RECORD DIVISION
DEGREE REGISTERED UNDER No.1557896
PROCESS No.2010.1.195.43.1
IN TERMS OF ARTICLE 48 OF THE LAW 9394/96.
SÃO PAULO MARCH 19TH 2010

[illegible signature]
ARLEY ROZENA
ACADEMIC TECHNICIAN
IN AGREEMENT
[illegible signature]
PROFESSOR DR. RUBENS BEÇAK
GENERAL SECRETARY
No.0050361



3934-I



Nothing else. Witness my hand and seal of office.
São Paulo, Brazil, April 4, 2012.

- 125 -

Bachelor Notenangaben

GIORGIO EUGENIO OSCARE GIACAGLIA
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pela Junta Comercial do Estado de São Paulo
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Page No. 046

Translation No. 3898/12

Book No. 19

I, the undersigned, Dr. Giorgio Eugenio Oscare Giacaglia, Certified Sworn Translator, do hereby certify
this is a faithful translation of a document submitted to me in Portuguese.

[Logo: USP SÃO PAULO UNIVERSITY]

VICE-PRESIDENCY OF GRADUATION

ACADEMIC RECORD

Unit: Physics Institute.

Student: 5386104 Bruno Cezar de Souza Franzon

Course: Physics Degree Course.

Personal data:

Date of Birth: AUG/19/1987 **Native of:** São Paulo

Identity Document: RG 40.479.013-6 São Paulo

Nationality: Brazilian.

Entrance Method: Selective Process-Entrance Examination

Entrance Date: February /2005

Career Classification: 68

Degree Data:

Degree Award Date: Jan/14/2010

Degree Awarded: Physics Degree

Issue Date: Jan/14/2010

Year the Course was Finished: 2009.

Physics Institute, Mar/19/2012 09:39:58 A.M.

[illegible signature]
Maria Madalena Salgado Bermudez Zeitum
Academic assistant Technician

[illegible signature]
Katia Cilene Beltran Souza Nobre
Head of Service Administration

Unit Address:
Rua do Matão 187 Travessa R – Butantã
Zip code: 05508-900 São Paulo-SP [São Paulo State]

Issued on: Mar/19/2012 09:39:58 A.M.

[Logo: USP SÃO PAULO UNIVERSITY]

Student: 5386104 Bruno Cezar de Souza Franzon

Course: Physics Degree Course.



Bachelor Notenangaben

GIORGIO EUGENIO OSCARE GIACAGLIA
Tradutor Público e Intérprete Comercial
pela Junta Comercial do Estado de São Paulo
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Code	Subject Name	AU	TR	CH	CE	CP	AACC	MARK
2005 1 st Semester								
FAP0151	Mechanical Fundamentals	4	0	60			8.9A	
FAP0152	Introduction to Physics Measurements	4	0	60			9.1A	
MAT0104	Calculus I	4	0	60			8.4A	
MAT0105	Analytical Geometry	4	0	60			7.0A	
2005 2 nd Semester								
FAP0153	Mechanics	4	0	60			8.8A	
FAP0156	Gravity	2	0	30			8.4A	
FGE0160	Optics	2	0	30			7.5A	
MAE0116	Statistical Notions	4	0	60			8.3A	
MAT0133	Calculus II	4	0	60			8.0A	
2006 1 st Semester								
FEP0255	Rigid Bodies and Fluid Mechanics	4	0	60			7.9A	
FGE0270	Electricity I	4	0	60			7.7A	
MAC0115	Introduction to Computing for Exact Sciences and Technology	4	0	60			8.0A	
MAT0208	Calculus III	4	0	60			8.7A	
2006 2 nd Semester								
4810001	Practical Activities I			40	40			
AGA0316	Life in the Cosmic Context	4	0	60			7.6A	
EDA0463	Politics and Basic Educational Organization in Brazil	4	0	60	20		8.5A	
EDF0288	Educational Psychology	4	0	60			9.0A	
FEP0254	Mechanical Laboratory	2	0	30			9.4A	
FGE0271	Electricity II	4	0	60			7.5A	
FMT0159	Thermodynamics I	4	0	60			8.4A	
MAT0228	Calculus IV for the Degree	4	0	60			9.3A	
2007 1 st Semester								
0440620	General Geology	4	0	60			7.6A	
EMD0425	Physics Teaching Methodology I	4	2	120	60		8.0A	
FAP0372	Electromagnetism	4	0	60			8.0A	
FGE0357	Wave Oscillations	2	0	30			9.2A	
FMA0374	Relativity	2	0	30			8.4A	
FMT0259	Thermodynamics II	2	0	30			8.4A	
MAT0122	Linear Algebra I	4	0	60			5.0A	
2007 2 nd Semester								
EMD0426	Physics Teaching Methodology II	4	2	120	120		6.5A	
FAP0373	Electromagnetism Laboratory	4	0	60			8.5A	
FMA0204	Mathematical Physics I	6	0	90			9.2A	
FNC0375	Modern Physics I	4	0	60			8.6A	

Issued on: Mar/19/2012 09:39:58.A.M. – Page 2 of 4

[Logo: USP SÃO PAULO UNIVERSITY]

Student: 5386104 Bruno Cezar de Souza Franzon

Course: Physics Degree Course.

Code	Subject Name	AU	TR	CH	CE	CP	AACC	MARK
2007 2 nd Semester								
QFL0605	General Chemistry	6	0	90			8.8A	
2008 1 st Semester								



Bachelor Notenangaben

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EDF0285	Introduction to Educational Studies:	4	0	60	20	8.0A
FEP0353	Philosophy Focused Classical Physics Historical Topics	2	0	30		9.0A
FMA0403	Quantum Mechanics I	4	0	60		9.9A
FMT0305	Mechanics I	6	0	90		8.3A
FMT0308	Thermodynamics	4	0	60		9.3A
FMT0405	Concepts of Physics Evolution	2	0	30		8.2A
FNC0376	Modern Physics II	4	0	60		9.1A
FNC0377	Modern Physics Laboratory	4	0	60		5.9A
FNC0424	Biological Effects of Ionizing and Non-Ionizing Radiation	4	0	60		6.6A
2008 2 nd Semester						
4810002	Practical Activities II			20	20	
EDM0402	Didactics	4	0	60	20	9.0A
FAP0459	The Computer and Video in Teaching Physics	4	0	60	60	7.5A
FGE0461	Physics Teaching Technology I	4	0	60	60	8.5A
FMA0303	Electromagnetism I	6	0	90		8.5A
FMA0307	Mathematical Physics I	4	0	60		5.2A
FMT0401	Introduction to Statistical Mechanics	4	0	60		7.5A
FNC0315	Introduction to Atomic and Molecular Physics.	4	0	60		6.5A
FNC0404	Introduction to Nuclear Physics	4	0	60		6.6A
MAT0220	Differential Calculus and Integration IV	4	0	60		6.6A
2009 1 st Semester						
4300404	Quantum Mechanics II	4	0	60		6.2A
FAP0356	Elements and Strategy for Teaching Physics	4	0	60	60	6.7A
FMA0304	Electromagnetism II	4	0	60		6.3A
FMA0324	Fluid Mechanics	3	0	45		8.2A
MAP0214	Numerical Calculus with Applications in Physics	4	0	60		7.1A
2009 2 nd Semester						
4300320	Introduction to Chaos	4	0	60		6.5A

Issued on: Mar/19/2012 09:39:58 A.M. – Page 3 of 4

[Logo: USP SÃO PAULO UNIVERSITY]

Student: 5386104 Bruno Cezar de Souza Franzon

Course: Physics Degree Course.

Code	Subject Name	AU	TR	CH	CE	CP	AACC	MARK
	2009 2 nd Semester							
FLF0472	Philosophy of Physics	2	0	30				7.5A

Total Accumulated: Class Credit Points: 217 Work Credit Points: 4 Weighted Average: 7.9
Total Course Workload Hours: 3435h (Student Trainee: 240h, CP: 240h)

-The marks vary from zero to ten, and can be rounded up to the first decimal place (General Regulation, article 83).

- The student who obtains a final mark equal to or higher than five and has at least seventy percent attendance in the subject will be approved with the right to the corresponding credit points (General Regulation, article 84).

Bachelor Notenangaben

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- A class credit point corresponds to 15 workload hours per semester and work credit point to thirty.

Key: AU = Class credit points TR = Work credit points A = Approved
CH = Number of Subject Workload Hours DI = Exempted CE = Number of student trainee Workload
Hours AE = Study Approval CP = Number of Practical Curriculum Component Workload Hours
DS = Exempted due to equivalent examination (Resolution. CoG 4844/01).

Weighted Average = Does not include exempted marks. The marks in subjects are weighted by the total number of credit points (class+ work) of the subject.

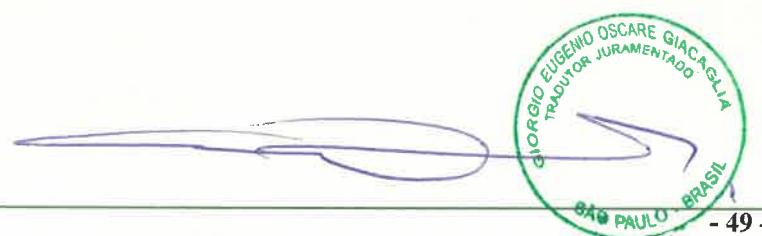
Notes

Nothing Else.

Issued on: Mar/19/2012 09:39:58 A.M. – Page 4 of 4

[This document bears a stamp on every page with the contents: PHYSICS INSTITUTE-USP- STUDENT SECTION]

*Nothing else. Witness my hand and seal of office.
São Paulo, Brazil, March 22nd, 2012.*



Master Abschluss

GIORGIO EUGENIO OSCARE GIACAGLIA
Tradutor Público e Intérprete Comercial
pela Junta Comercial do Estado de São Paulo
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Translation No. 4346/12

Book No. 22

Page No. 104

I, the undersigned, Dr. Giorgio Eugenio Oscare Giacaglia, Certified Sworn Translator, do hereby certify
this is a faithful translation of a document submitted to me in Portuguese.

DEFENSE STATEMENT.

<https://uspdigital.usp.br/janus/alunoGeral/defesa/certificadoDefesaImp...>
[seal of University of São Paulo]
[logotype: Janus]

University of São Paulo.
Institute of Physics.
DEFENSE STATEMENT.

We hereby certify for all due purposes that Mr. Bruno Cezar de Souza Franzon, bearer of USP registration no. 5386104, defended his Master's Dissertation in a Public Session conducted on April 3rd, 2012, as provided in the Programme in Physics of University of São Paulo. Such Master's Dissertation was titled:

"Gluons in Neutron Stars".

We also certify that this student is entitled to receive the title of Master of Science in Physics. On May 11th, 2012, the Postgraduate Committee homologated the report made by the Examining Committee.

São Paulo, August 21th, 2012.

[signature]

CLÁUDIA CONDE BARIONI.

Head Registrar of Postgraduate Education of IFUSP (Institute of Physics of University of São Paulo).

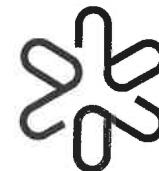
Employee no. 2114950.

[stamp: Institute of Physics – Postgraduate Office – USP]

Nothing else. Witness my hand and seal of office.
São Paulo, Brazil, september 26th, 2012.



104



UNIVERSIDADE DE SÃO PAULO INSTITUTO DE FÍSICA

Comissão de Pós-Graduação

Caixa Postal 66318
05315-970 - São Paulo - SP

Telefone (11) 3091-6901
Telefax (11) 3091-6700
E-Mail: cpgusp@if.usp.br

Student Record

43134 – 5386104/1 – Bruno Cezar de Souza Franzon

Email: Bruno.franzon@usp.br
Birth Date: 19/08/1987
Identity Card: RG – 40.479.013-6 – SP
Birth Place: São Paulo State
Nationality: Brazilian
Undergraduate Degree: Licensed in Physics – Universidade de São Paulo
Brazil – 2010

Course: Master in Sciences
Area: Physics
Entrance Date: 02/03/2010
Starting: 02/03/2010
Deadline: 02/03/2014
Advisor(s): Prof. Dr. Fernando Silveira Navarra – 02/03/2010 at present
E.mail: Navarra@if.usp.br

Language Proficiency: English, approved on 03/01/2011

Examination of Qualification:

Dissertation Submission Date: 03/01/2012

Deadline for Approval: 04/30/2012

Thesis Title: Gluons in neutron stars

Date of Approval: 03/06/2012

Maximum Date for Defense: 06/04/2012

Defense Date:

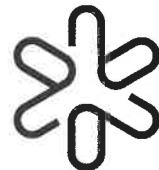
Defense Result:

Occurrence:

Last Registration in 02/27/2012



Master Notenangaben



UNIVERSIDADE DE SÃO PAULO INSTITUTO DE FÍSICA

Comissão de Pós-Graduação

Caixa Postal 66318
05315-970 - São Paulo - SP

Telefone (11) 3091-6901
Telefax (11) 3091-6700
E-Mail: cpgusp@if.usp.br

Code	Subject	Starting Date	Finishing Date	Work Load	AU	Freq	Grade	Exc.	Registration Status
PGF5001-3/1	Quantum Mechanics I	03/01/2010	06/25/2010	180	12	100	A	N	Concluded
PGF5003-1/2	Classical Electrodynamics I	03/01/2010	06/25/2010	180	12	100	A	N	Concluded
PGF5007-1/3	Pedagogical Preparation in Teaching	03/01/2010	06/13/2010	30	2	100	A	N	Concluded
PGF5107-1/3	Quantum Field Theory I	03/01/2010	06/25/2010	180	12	100	A	N	Concluded
PGF5828-1/1	Quantum Field Theory II	08/02/2010	11/26/2010	180	12	100	A	N	Concluded

Minimum Required Academic Units (AU)	For Qualification Examination	For Dissertation/Thesis deposit	Obtained Academic Units (AU)	
Subjects:	0	48	Subjects:	50
Internship:	0	0	Internship:	0
Total:	0	70		50

Academic Units Attributed for the Dissertation: 48

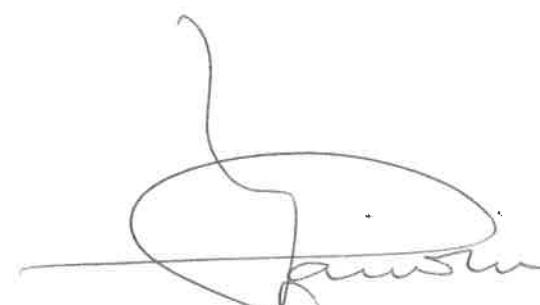
Grades starting at 01/02/1997:

A – Excellent, with AU attribution; B – Good, with AU attribution; C- Regular, with AU attribution; R- Reproved; T – Transferring

One(1) AU is equivalent to (15) hours of programmed activities:

Situation in: 02/27/2012




CLÁUDIA CONDE BARIONI
Chefe Adm. Serviço
Pós-Graduação - IFUSP
Nº Func. 2114950

Fachbereich Physik
der Johann Wolfgang Goethe-Universität

Herr
Bruno Franzon

hat heute das Promotionsverfahren im Fach **Physik**

mit der Gesamtnote „**magna cum laude**“
abgeschlossen.

Die einzelnen Prüfungsleistungen wurden wie folgt bewertet:

Dissertation: „**magna cum laude**“
Disputation: „**summa cum laude**“

Das Recht zur Führung des Doktortitels wird nicht durch diese Bescheinigung
sondern erst durch Aushändigung der Urkunde erworben.

Frankfurt am Main, 28. April 2017



Der Dekan

Der Fachbereich Physik
der Johann Wolfgang Goethe-Universität
verleiht

Herrn

BRUNO FRANZON

geb. am 19. August 1987 in Tupi Paulista - Brasilien
den Grad eines Doktors der Naturwissenschaften (Dr. phil. nat.)
im Fach Physik
nachdem er in ordnungsgemäßem Promotionsverfahren durch die Arbeit
“Effects of Magnetic Fields in Compact Stars”

und eine öffentliche Disputation
seine wissenschaftliche Befähigung erwiesen hat.

Die Promotionsleistung wurde mit
“magna cum laude”
beurteilt.

Frankfurt am Main, den 28. April 2017

Prof. Dr. O. Philipsen, Dekan



ABAP Grundlage



Teilnahmebestätigung

Walldorf, den 17.08.2018

Herr dr. Bruno Franzon

hat an der Veranstaltung teilgenommen
vom 13. August 2018 bis 17. August 2018.

BC400 ABAP Workbench Grundlagen

Veranstaltungsinhalt:

- * Erstellen von ABAP-Programmen und der wichtigsten Repository-Objekte unter Verwendung der passenden Werkzeuge der ABAP Workbench
- * Navigieren in der Workbench und Nutzen der Syntaxhilfe
- * Bearbeiten von Quelltext mit dem ABAP-Editor
- * Testen von Programmen mit Hilfe des Debuggers
- * Projektorientierte Entwicklung mit Hilfe des Transport Organizers
- * Überblick über wichtige ABAP-Anweisungen
- * Definieren von elementaren und strukturierten Datenobjekten
- * Arbeiten mit internen Tabellen
- * Funktionsgruppen und Funktionsbausteine
- * Verwenden von Klassen, Methoden und BAPIs
- * Datenbankdialoge: Informationen über Datenbanktabellen im ABAP Dictionary, Lesen von Datenbanktabellen
- * Benutzerdialoge: Liste, Selektionsbild, Dynpro, Web Dynpro ABAP
- * Überblick über die verschiedenen Möglichkeiten zur Softwareanpassung

SAP Deutschland SE & Co. KG
SAP Education

THE BEST RUN **SAP**



Teilnahmebestätigung

Herr dr. Bruno Franzon

hat an der Veranstaltung teilgenommen
vom 03. September 2018 bis 07. September 2018.

Walldorf, den 07.09.2018

BC401 ABAP Objects

Veranstaltungsinhalt:

- * Analyse und Design von Klassen (UML)
- * Klassen, Instanzen, Referenzen
- * Vererbung, Interfaces, Polymorphie
- * Ereignisse
- * Spezielle objektorientierte Techniken
- * Globale Klassen/Interfaces (Class Builder)
- * Klassenbasiertes Ausnahmekonzept

SAP Deutschland SE & Co. KG
SAP Education

THE BEST RUN **SAP**

SQL, C# und Logic Programming

Certificado

We Certify that:

BRUNO FRANZON

Has completed the DESKTOP PROGRAMMER course with qualification in:

- PROGRAMMING LOGIC
- C# VISUAL STUDIO ESSENTIAL

- SQL DATABASE

In the period from 06/06/2017 to 26/06/2017 with a duration of 40 hours

Alexandro Zulatto de Azevedo

Teacher

TUPI PAULISTA, June 27, 2017

Juliano Brioschi

Principal



**SQL, C# und Log. Prog.
Notenangaben**

JULIANO BRIOSCHI ME
CNPJ: 11.569.329/0001-94
AV. 9 DE JULHO, 1012 - CENTRO
TUPI PAULISTA / SP

Grades

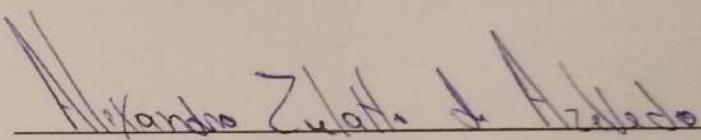
Name: **BRUNO FRANZON**

Registration: **001653**

Course: **DESKTOP PROGRAMMER**

Modules	Average	Result
PROGRAMMING LOGIC	9,2	Approved
SQL DATABASE	9,0	Approved
C# VISUAL STUDIO ESSENTIAL	8,9	Approved

Amount of Lessons	Amount of Class Attendance	Amount of Lessons Lost	Amount of Replacements	Frequency
32	32	2	2	100 %


Teacher

40 stündige HTML5 Kurs. Notenangaben 90%.

CURSO EM VÍDEO

CERTIFICADO

CURSO LIVRE

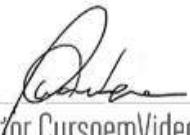
Conferimos a **br_cezar** o presente certificado* pela participação no
Curso de HTML5 promovido pelo site **CursoemVideo.com** no
formato de curso livre online, com a duração de 40 horas/aula.
Com aproveitamento de 90%



Código do Certificado:
4110-992-86004

* Certificado válido, amparado pela Lei
nº 9.394 de Diretrizes e Bases da
Educação Nacional.

Acesse
www.cursoemvideo.com/validador
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documento.


Dirектор CursoemVideo.com

CEV Treinamentos Informática e
Serviços - CNPJ: 21.790.523/0001-59

Certificate of Completion

*This is to certify that **Bruno Franzon** successfully completed 38.5 total hours of **JavaScript - Curso COMPLETO com 6 Projetos REAIS** online course on **May 21, 2020***

Hcode Treinamentos

Hcode Treinamentos, Instructor

Glaucio Daniel Souza Santos

Glaucio Daniel Souza Santos, Instructor

Djalma Sindeaux

Djalma Sindeaux, Instructor

João Rangel

João Rangel, Instructor

&



#BeAble

Certificate no: UC-33b53879-f661-4a30-8320-b299eed9357e
Certificate url: ude.my/UC-33b53879-f661-4a30-8320-b299eed9357e

Certificate of Completion

*This is to certify that **Bruno Franzon** successfully completed 21.5 total hours of **Modern JavaScript From The Beginning** online course on May 26, 2020*

Brad Traversy

Brad Traversy, Instructor

&



Certificate no: UC-fe7b00e5-25a0-483d-886b-3b99b96bd1b6
Certificate url: ude.my/UC-fe7b00e5-25a0-483d-886b-3b99b96bd1b6

#BeAble



CERTIFICADO DE CONCLUSÃO

CURSO DESENVOLVIMENTO WEB FULL STACK

Erklärung:

26-stündiger Web Full Stack Kurs:

HTML, CSS, JS

Certificamos que o aluno:

BRUNO FRANZON

concluiu os módulos de **HTML, CSS e JavaScript** do **Curso**

Desenvolvimento Web Full Stack com carga horária de **26 horas**.

Ausstellungsdatum:

3. Juni 2020

Data de Emissão: 3 de Junho de 2020

Certificado nº: DWBKF13HT297111

A handwritten signature in black ink, appearing to read "Igor Oliveira".

Igor Oliveira

Diretor

Confirme a autenticidade deste certificado na página: programadorbr.com/autenticidade



CERTIFICADO DE CONCLUSÃO

CURSO DESENVOLVIMENTO WEB FULL STACK

Erklärung:

9-stündiger Web Full Stack Kurs:

Firebase, jQuery und Bootstrap

Certificamos que o aluno:

BRUNO FRANZON

concluiu os módulos de **Firebase, jQuery e Bootstrap** do **Curso**

Desenvolvimento Web Full Stack com carga horária de **9 horas**.

Ausstellungsdatum:

3. Juni 2020

Data de Emissão: 3 de Junho de 2020

Certificado nº: DWBBF13FI297111

A handwritten signature in black ink, appearing to read "Igor Oliveira".

Igor Oliveira

Diretor

Confirme a autenticidade deste certificado na página: programadorbr.com/autenticidade



CERTIFICADO DE CONCLUSÃO

CURSO DESENVOLVIMENTO WEB FULL STACK

Erklärung:

13-stündiger Web Full Stack Kurs:
NodeJS und MongoDB

Certificamos que o aluno:

BRUNO FRANZON

concluiu os módulos de **NodeJS** e **MongoDB** do **Curso Desenvolvimento Web Full Stack** com carga horária de **13 horas**.

Ausstellungsdatum:

3. Juni 2020

Data de Emissão: 3 de Junho de 2020

Certificado nº: DWVBBF13NO297111

A handwritten signature in black ink, appearing to read "Igor Oliveira".

Igor Oliveira

Diretor

Confirme a autenticidade deste certificado na página: programadorbr.com/autenticidade