

Curriculum vitae Europass



Personal Information

First Name

Last Name

phone

E-mail

Web Adress

Citizenship

Felix Iosif

Iacob



<https://physics.uvt.ro/~felix/felix.html>

romanian

Professional experience

Date

position held

2017-10-03

MC Member Action CA17126

[http://www.cost.eu/about_cost/who/\(type\)/5/\(wid\)/62223](http://www.cost.eu/about_cost/who/(type)/5/(wid)/62223)

APS
members

Member American Astronomical Society (AAS) , APS

Member Romanian Physical Society



Member European Physical Society (EPS)



Visiting University College London



Visiting Le Laboratoire Ondes Et Milieux Complexes



Period

position held

2011-present

Lecturer

Teaching Courses in physics and computer science;

Coordination and implementation of the seminar students

Coordination and implementation of activities in the computer lab

Development and implementation of research in physics

Coordination and Evaluation training groups of students

West University of Timisoara, Faculty of Physics

Vasile Parvan, 4, Timisoara, Romania

University education: Teaching and Research

Name and address of employer

The type of activity

Period

1995-2010

position held	Assisstant Lecturer
responsibilities	Coordination and implementation of the seminar students Coordination and implementation of activities in the computer lab Development and implementation of research in physics Coordination and Evaluation training groups of students
Name and address of employer	West University of Timisoara, Faculty of Physics Vasile Parvan, 4, Timisoara, Romania

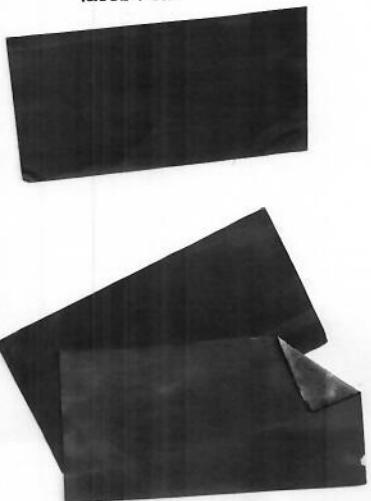
Education and Training

Period	September, 2017
Qualification / diploma	Certificate of atendence KIDA2017
Principal subjects / skills covered	Astrochemistry
Awarded by	Kinetic Database For Astrochemistry
Period	August, 2017
Qualification / diploma	Certificate of atendence CM1401-Astrochemistry
Principal subjects / skills covered	Molecular quantum physics.
Awarded by	COST -TS – ECOST- TRAINING SCHOOL CM 1401-310817-087567
Period	2007 - 2011
Qualification / diploma	Doctor of Philosophy in Physics
Principal subjects / skills covered	Quantum physics. Calculation of energy levels of some quantum systems.
Awarded by	West University of Timisoara, Faculty of Physics Vasile Parvan, 4, Timisoara, Romania
Period	2013 - 2015
Qualification / diploma obtained	Courses in Chemistry
Principal subjects	Organic Chemistry
Study	University „Politehnica” Timișoara
Period	2004-2006
Qualification / diploma	Diploma in Informatics
Principal subjects / skills covered	Computational and numerical methods
Awarded by	West University of Timisoara, Faculty of Informatics Vasile Parvan, 4, Timisoara, Romania
Period	1993
Principal subjects / skills covered	Summer school of environmental radioactive measurements. Huelva Spain
Period	1987 - 1992
Qualification / diploma	Graduate Physics
Principal subjects / skills covered	Physics
Awarded by	West University of Timisoara, Faculty of Informatics Vasile Parvan, 4, Timisoara, Romania
Funding ID; Individual grants	MC-2017-0064 PN-III-P1-1.1-MC-2017-0272 16.09.2017
Driving license	A, B
Mother tongue(s)	Romanian



Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English C2	C2	C1	C1	C1	
Hungarian	C1	B1	C1	B2	A2
Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user <u>Common European Framework of Reference for Languages</u>					
Communication skills	Good communication skills gained through my experience as lecturer. Team research eMol-LeHavre group				
Organizational / managerial skills	Self-management of assigned goals.				
Job-related skills	Good analytic approach - control processes				
Digital competence	SELF-ASSESSMENT				
	Information processing	Communication	Content creation	Safety	Problem solving
	Proficient user	Proficient user	Proficient user	Proficient user	Proficient user
Hardware	Independent user, understand principles and communication protocols				
Software	Proficient user, numerous programming language (numeric symbolic) - C language - Database - Different text processors - Automatic processing of data - Modeling physical phenomena by mathematical calculation with finite elements and numerical solutions - Maple, Mathematica. - LaTeX -word processor				
O.S.	Unix – system administration - Independent user				
Publications	https://scholar.google.ro/citations?user=d8GQbpEAAAJ&hl=en&oi=ao				
Presentations	<u>Project PN-III-P1-1.1-MC-2017-0272</u>				
Projects	<u>EEASUMUS mobility</u>				
Conferences	<u>59th Annual Meeting of the APS Division of Plasma Physics, Milwaukee, Wisconsin</u>				
Citations	Theoretical seminar at West University of Timisoara, Faculty of Physics				
Seminars	SRF, EPS, APS, COST				
Honours and awards	Introduction to "C" language; Introduction to Database; Introduction to computer networking.				
Memberships					
References					
Courses					
Certifications					

Jacob Felix





Felix Iacob

West University of Timisoara
Physics

	All	Since 2014
Citations	36	31
h-index	3	3
i10-index	2	1

TITLE	CITED BY	YEAR
First Measurement of the Charged Current $\bar{\nu}_\mu$ Double Differential Cross Section on a Water Target without Pions in the final state K Abe, R Akutsu, A Ali, C Alt, C Andreopoulos, L Anthony, M Antonova, ... arXiv preprint arXiv:1908.10249		2019
Sensitivity of Super-Kamiokande with Gadolinium to Low Energy Anti-neutrinos from Pre-supernova Emission C Simpson, K Abe, C Bronner, Y Hayato, M Ikeda, H Ito, K Iyogi, ... arXiv preprint arXiv:1908.07551		2019
arXiv: Performances of a resistive MicroMegas module for the Time Projection Chambers of the T2K Near Detector upgrade D Attié, P Hamacher-Baumann, T Marchi, N Lacalamita, M Pari, ...		2019
Measurement of the neutrino-oxygen neutral-current quasielastic cross section using atmospheric neutrinos at Super-Kamiokande L Wan, K Abe, C Bronner, Y Hayato, M Ikeda, K Iyogi, J Kameda, Y Kato, ... Physical Review D 99 (3), 032005	1	2019
Recombination and excitation of molecular cations with electrons: Application to H_2^+ , BeD^+ and BeT^+ F Iacob, N Pop, JZ Mezei, MDE Epée, O Motapon, S Niyonzima, V Laporta, ... AIP Conference Proceedings 2071 (1), 020007	1	2019
Collisions réactives des électrons avec des molécules: dynamique de la fragmentation multivoies via des états super-excités N Pop, JZ Mezei, Y Moulane, F Colboc, A Abdoulanziz, MDE Epée, ...		2019
Low-energy collisions between electrons and BeD^+ S Niyonzima, N Pop, F Iacob, Å Larson, AE Orel, JZ Mezei, K Chakrabarti, ... Plasma Sources Science and Technology 27 (2), 025015	2	2018
Reactive collisions of electrons with H_2^+ , HD^+ , BeH^+ , BeD^+ and SH^+ N Pop, F Iacob, JZ Mezei, O Motapon, S Niyonzima, DO Kashinski, ... AIP Conference Proceedings 1916 (1), 020013		2017
Electron-impact excitation and recombination of molecular cations in edge fusion plasma: application to H_2^+ and BeD^+ N Pop, F Iacob, Z Mezei, O Motapon, S Niyonzima, I Schneider 59th Annual Meeting of the APS Division of Plasma Physics		2017
Analytical formulation for potential energy surfaces in molecular collision dynamics of cold plasma F Iacob, N Pop Bulletin of the American Physical Society		2017
Reactive collisions of electrons with molecules of astrochemical interest: Application to hydride cations and to neutral oxygen N Pop, JZ Mezei, Y Moulane, F Colboc, A Abdoulanziz, E Epée, DA Little, ...		2017

TITLE	CITED BY	YEAR
Electron/molecular-cation collisions in cold plasmas: super-excited states at "zero" energy JZ Mezei, F Colboc, Y Moulane, N Pop, S Niyonzima, E Epée, O Motapon, ...		2017
Remarks on the geometric quantization of a class of harmonic oscillator type potentials F Iacob arXiv preprint arXiv:1607.06630		2016
Degeneracy of energy levels of pseudo-Gaussian oscillators TF Iacob, M Lute, F Iacob AIP Conference Proceedings 1694 (1), 040009		2015
Approximate Solution of Schrödinger Equation with Pseudo-Gaussian Potential Viewed as a Perturbation TF Iacob, M Lute, F Iacob Annals of West University of Timisoara-Physics 58 (1), 7-13		2015
A Numerical Approach for the Solution of Schrödinger Equation With Pseudo-Gaussian Potentials TF Iacob, M Lute, F Iacob Annals of West University of Timisoara-Physics 58 (1), 1-6		2015
Exact solution to the Schrödinger's equation with pseudo-Gaussian potential F Iacob, M Lute J. Math. Phys. 56 (12), 121501	10	2015
Spectral characterization of hydrogen-like atoms confined by oscillating systems F Iacob Open Physics 12 (9), 628-636	8	2014
Relativistic pseudo-Gaussian oscillators F Iacob Physics Letters A 374 (11-12), 1332-1335	11	2010
THE QUANTIZATION OF THE FREE RIGID BODY M PUTA, F IACOB Matematică-informatică 40		2002

SCRISOARE DE MOTIVATIE

Subsemnatul Iacob Felix Iosif, Lector Dr. la Departamentul de Fizică al Facultății de Fizică, Universitatea de Vest din Timisoara, prin prezenta doresc să prezenta candidatura la funcția de membru în consiliul departamentului pentru mandatul desfășurat pe perioada 2020 – 2024.

Motivez candidatura mea prin dorința de a ajuta, și prin contributia mea, la bunul mers al lucrurilor în facultatea de fizica.

În sprijinul candidaturii mele, pe lângă aptitudinile și experiența prezentate în CV, doresc să subliniez faptul că în decursul ultimilor patru ani am dus numele universității și al facultății de fizica la conferințe și intruniri.

De asemenea comunicarea cu colegii și studenții este foarte bună, atât în cadrul procesului instructiv – educativ, cât și pe plan social.

Iacob Felix Iosif

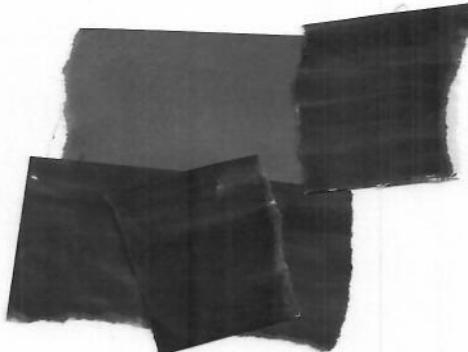
Semnătură,

Timișoara , 08.10.2019

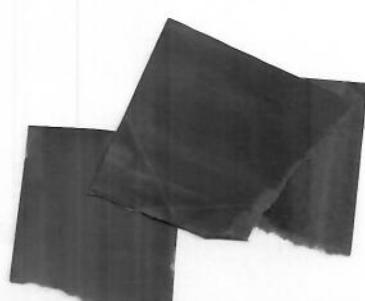
DECLARAȚIE

Subsemnatul Iacob Felix Iosif, Lector Dr. la Departamentul de Fizică al Facultății de Fizică, Universitatea de Vest din Timișoara, declar pe proprie răspundere că nu am fost lucrător sau colaborator al securității.

Lector Dr. Iacob Felix Iosif

A large, dark, handwritten signature of "Iacob Felix Iosif" is written over a thick black horizontal bar. The signature is cursive and appears to be written in black ink on a white background.

Timișoara, 10.10.2019

A smaller, dark, handwritten signature of "Iacob Felix Iosif" is written over a thick black horizontal bar at the bottom right of the page. The signature is cursive and appears to be written in black ink on a white background.

