

Curriculum Vitae 2018

Structure:

A-General, B-Academic activity, C- 2012-, D- Intermezzo 1975, E-Older times, F- Autopsychography.



A

Name: José Carlos Brandão Tiago de Oliveira

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e-mail: zecarlos@uevora.pt

Birth: Porto, 25.07.1954

Institution Address: Departamento de Matemática Universidade de Évora Colégio Luís António Verney Rua Romão Ramalho, 59

Postal code: 7000-671 Évora, Portugal

Sites:

<http://www.dmat.uevora.pt/>

<http://cfcul.fc.ul.pt/equipa/joliveira.php>

<http://www.catedra.uevora.pt/unesco/index.php/unesco/Investigacao/Collaborators/Jose-Carlos-Tiago-de-Oliveira>

B

2012

Ph.D. in History and Philosophy of Science. University of Évora. Supervisors: Prof. A. J. Franco de Oliveira and Prof. M. da Costa Leite. “A Personalidade Científica de António Gião”.

Awarded Fundo Cultural da Sociedade Portuguesa de Autores

Reviewed and edited 3 times.

<http://vixra.org/abs/1512.0461>

<http://vixra.org/abs/1602.0155>

2004

Habilitation in the discipline of Integrated Themes of Mathematics, supervised by Professor J. Sousa Ramos (IST/UTL, Lisbon). Pedagogical subject – “Extension of logarithm and exponential to quaternions”. Muito Bom.

1988

Rejection of submitted thesis “Extension of Erlangen Program to Planar Fractals”. No supervisor, Faculty of Sciences – University of Lisbon.

Wrong option – to work in a progressive institution and, because of internal political imbalance (my 2 Colleagues had been expelled), presented research to a more conservative one, without supervisor, in an original topic, .

Corollary – changed job and locality. Lost the humanities. Won international cooperation.

30 years later – return to Faculty of Sciences research center in philosophy...

Later Bartholdy developed a similar research.

1977

Graduation in Mathematics – Faculty of Sciences – University of Lisbon – with 17 values, specializing in Theoretical Mechanics. Started at Luanda University, 1972.

1971

7ºAno – Lycée Français Charles Lepierre

Prix d’Excellence , 11 years

Fernando Serrador, Professor 1st class

Academic and Alternative Training.

2017

Emil Julius Gumbel Exhibition, Munich Mathematics Chair

Complete works

<http://digifindingaids.cjh.org/?pID=476388>

relations with Lisbon

<http://cfcul.fc.ul.pt/JTO/jto-gumbel.php>

and

Ambedkar University, Ethnopsychiatry Department

2005

Holotropic Session with Stanislaw Grof

2003

Visited in Pune alchemical laboratory of Petri Murién

1997-1998

Attended the course “Eastern Philosophy”, University of Évora, conducted by Professor Carlos Henrique do Carmo Silva.

1996-1997

Regular participant at the seminar “Semantics of knowledge”, Anthropology, University of Évora and ISCTE.

1988

Carlos Silva, Saint Teresa of Avila workshop

1987

Zen with Hogen Daido Roshi

1977-1978

Received a scholarship from the French government at the University of Marseille; attended graduate courses in the areas of Mathematics and of Behavioral Sciences. (Professeurs Jean-Marie Souriau, Rolland Fraissé, Jacques Paillard, Gervet, Le Masne, Lucien Aiache).

Both DEA were not completed.

Participated regularly in the Seminar of “Comparative Epistemology” in Aix-en-Provence. (Professeur Gilles-Gaston Granger, Dr. Nguyen Van Minh)

Taught History of Portugal and the Natural Sciences at Association of Portuguese Emigrants in Marseille. Projection of national movies (collected by Dr Albano Cordeiro) at Associations in major towns, namely in 25 April at Marseille. Concert by Zeca Afonso I submitted was not accepted by Association Director, prof. Ricardo Lima.

Internships at the Laboratory of Physical Chemistry, Free University of Brussels (invited by Professor Grégoire Nicolis) and the Station Biologique de la Tour du Valat.

1977

Technician in the Group of Biomechanics by the Gulbenkian Institute of Science, Lisbon – Portugal (Drs Kelo Correia da Silva and Carlos Henriques De Jesus; close friendship with António Pascoal)

1977: Participated in a Group of Ethology (Professor Luis Sockzka), making a short film about the social behavior of deer. Tapada de Mafra, Portugal.

1971-1977: Faculty of Sciences – Lisbon and Luanda

Graduation on Mathematics

1975: Luanda; Librarian, Department of Mathematics

1975: Sá da Bandeira: taught as Monitor “Mechanics”, “Differential Geometry” and “Programming”

1972: Luanda; Monitor at LETI (Laboratório Electrónico de Tratamento de Informação), with Prof. David Lopes Gagean.

Other Professional Experiences

Postdoc Guests

2016

Venkata Rao Dodla, KLU, India. 1 paper, integrated Center Philosophy of Science

Fareena Iqbal, FJWU, Pakistan

Javaria Ifikhtar, Deputy Registrar, FJWU

Joint Coordinators Erasmus Mundus. Wrote together report to EACEA

2015

Hari Prasad Dasari, Andhra Pradesh and Saudi Arabia, integrated Center Philosophy of Science

Integrated Center Philosophy of Science

2013

Bal Chandra Luitel, KU, Nepal. Joint lecturing History of Mathematics, as well as Numbers and Operations

University

2012-.....

Assistant Professor– Department of Mathematics, University of Évora.

Evaluation 2014.Excellent

1994- 2012

Assistant – Department of Mathematics, University of Évora.

2005-2007

Invited Professor at Nacional University of Timor Lorosae.

1991-2003

Invited Professor - Department of Science and Technology Institute of Higher Education (old formal School of Teachers of Secondary Education) in Cabo Verde. (Professors Luísa Ferro Ribeiro, Maria das Dores Morais, Jorge Sousa Brito, José Maria Semedo, Paulino Fortes, Carla Marques, Carlos Bellino, Fernando Sequeira, Paulo Almeida, Franco de Oliveira, Cristina Alberto, Ornelas, Manuel Patricio)

1991-1993

Consultant by Project “Naturally Fractured Reservoirs – Development of new mathematical models to improve confidence in simulation input data”, sponsored by Partex - CPS. (Prof. António Ribeiro)

1990-1993

Technician 1st class, after thereafter requested – University of Évora. Ratings of service: 9.9; 9.9; 9.8 (3 years).

1979-1990

Henrique Magalhães, Mesquitela Lima, Manuel de Almeida, António Carreira called me to FCSH-UNL

Adriano Rodrigues appointed his Department

Assistant - Department of Social Communication, Faculty of Humanities and Social Sciences, New University of Lisbon.

1978-1979

Department of Mathematics, University of Aveiro- Assistant. (Professor Pedro Braumann, writer Ançã Regala)

C

2017

1- Last writings have been in co-authorship with members of <http://cfcul.fc.ul.pt/>
Centre for Philosophy of Science of the University of Lisbon (CFCUL)

"Os Significantes e os Significados na Interpretação Semântica em Textos de Mário Sá Carneiro e J.[Osé] D'Almada Negreiros" – An original interpretation of the artist Almada Negreiros by the medical doctor who followed him, por Isabel Barahona da Fonseca, José Carlos Tiago de Oliveira José Barahona da Fonseca, J. S. da Fonseca,

[viXra:1601.0068](https://arxiv.org/abs/1601.0068) [pdf]

in Debates da Filosofia da Ciência Contemporânea. VIII Jornadas Ibéricas de Filosofia da Ciência, ed Olga Pombo, Paulo Castro

2017, CFCUL, p No.394, ISBN: 978-989-8247-75-9

(On the author)

Quand il est mort le Poete

Suspiria de Profundis ad Vulgum

<http://cfcul.fc.ul.pt/equipa/docs/jfonseca/ZLSF.pdf>

Analysis and prediction of heat wave over India during 2015

Venkata B. Dodla*¹, C.S. Gubbala¹, S. Desamsetti¹ and Jose Carlos Tiago Oliveira²

5th Portuguese Polish Workshop on Biometry (PPWB5) and the 10th Workshop on Statistics, Mathematics and Computation (WSMC10). Tomar. 26th to 28th May. Tomar, Portugal. Oral presentation.

Contribution to Statistics. Ed. Oliveira, T. Kitsos, C., Oliveira, A., Grilo, L., Springer. Submitted.

Authors profile

<http://cfcul.fc.ul.pt/equipa/jfonseca.php>

<https://www.linkedin.com/in/venkata-bhaskar-rao-dodla-158b343a>

2. Books:

- A personalidade científica de *António Gião*. *O homem que ninguém conheceu*, Novas Edições Acadêmicas, ISBN- 1 3: 978-3-639-74492-7 , (2014), pp. 396.
- Um oriente a oriente do oriente
Chiado Editora col.viagem filosofica nº1 (2015) pp. 173, Presented in Lisbon by Armando Marques Guedes, in Leiria by Ricardo Vieira and José Maria Trindade.
- Pilgrimage to sources I
Notes autobiographiques pour éclaircir les raisons de mon echec-A.Giao
postface Alexandra Padinha, Artelogy , 2017, pp. 105.
(dedicated to Lanza del Vasto)
- Pilgrimage to sources II
La theorie des perturbations, Les microelectrons - A.Giao et al,
Artelogy , 2017, pp. 401.

3. Edited Books

- Statistical Analysis of Extremes Paperback – November 23, 2016 by [José Tiago de Oliveira](#), book 978-3-659-96715-3, LAP LAMBERT Academic Publishing is a trademark of OmniScriptum GmbH & Co. KG Bahnhofstraße 28, D-66111 Saarbrücken
- De natura animae psychologiae principia mathematica et philosophiae naturalis
Nature of the Soul Psychology: Mathematical Principles and Natural Philosophy by [Professor. José Luís Simões da Fonseca](#) , Gatha Cognition, ISBN : 978-81-932622-1-4, DOI : <http://dx.doi.org/10.21523/gcb3>
(Editor in Chief)

- Statistical Theory of Extremes by Professor. José Tiago de Fonseca Oliveira, Academia das Ciências de Lisboa (Lisbon Academy of Sciences) DOI : [dx.doi.org/10.21523/gcb1](https://doi.org/10.21523/gcb1) (to be finished) (Managing Editor)

4. Chapters in National books

- [!7 Estatísticos para 12 meses, Sociedade Portuguesa de Estatística, 2013 \(last 2 pages\)](#)
- Dois estilos de ensinar;
(Fernando dos Santos Neves (2011) Introdução ao Pensamento Contemporâneo, Razões/Finalidades/Tópicos, Edições Universitárias Lusófonas
Christopher Damien Aurette (2012) Diário de Bordo, Aspectos do Pensamento Contemporâneo, Edições Colibri)
in Epistemologia, Fenomenologia, Paradigmática, CTS (Ciência, Tecnologia e Sociedade) 2016 ISBN/EAN13: 1530794323/9781530794324, pp. 396 (chapter written at Luang Prabang)
<http://www.unesco.chair.network.uevora.pt/index.php/forum/noli-me-tangere/18-dois-estilos-de-ensinar>

5. Submitted Papers

- Modern International Journal of Pure and Applied Mathematics

Modulated Chaos as a Source of Images for Number Poems

J. C. Tiago de Oliveira, pp. 39-45 DOI: 10.5923/j.mijpam.20170103.01

- Emergência do Imaginal e a Palavra Perdida (Coloquio Lima de Freitas), 10 pp
https://www.researchgate.net/publication/295363370_Lima_de_Freitas_do_mundo_imaginal_a_palavra_perdida
- Paisagens angolanas com vultos Matemáticos, e outros Académicos, João António Pequito Minga, Maria Isabel Nobre Santos, José Carlos Tiago de Oliveira, pp. 49.
<http://vixra.org/abs/1602.0029>
[Accepted by Joaquim Sequeira for Professor and Alumni Reading in Benguela University](#)

6. Lectures

- Marx em Maio, 2013, Presentation of Emil Julius Gumbel
<https://josecarlostiagooliveira1.wordpress.com/>
- and Karl Marx Mathematical Writings, edited by Pradip Baksi
http://efcul.fc.ul.pt/varios/Karl_Marx_small.pdf
- How central is mathematics in 3rd millennium?-transfer between Asia and West (ICETST, 2016), 6 pp. FJWU, Rawalpindi.
- https://www.academia.edu/34100814/Lecture_presented_at_Rawalpindi
- Lectures in Javadpur University and Statistics Institute (Kolkatta), Andhra Pradesh, KLU, Goa and Pilani Universities , Pakistan, Manila, Mindanao, 2015,
- Portuguese Discoveries (Royal University of Bhutan, 2017)
- The Great Architect of the Universe (Royal University of Bhutan, 2017)

7. Book presentations. 2015

- Tractatus Logico-Psychologicus (3 vols.)
Jose Luis Simoes da Fonseca
- Filosofia da Educaçao
Carlos Bellino Sacadura

8. Organization of workshop in History of Mathematics, COMSATS, Islamabad 2015

9. International Cooperation

- Coordinator Erasmus Mundus Mobility with Asia EMMA WEST 2013 (2.5 millions euros), de 2012 a 2016.
Report approved by EACEA:
[/www.academia.edu/34100743/Erasmus_Mundus_Action_2_Strand_I_LEADER_Project_-552850-EM-1-2014-1-IT-ERA_MUNDUS-EMA21_Links_in_Europe_and_Asia_for_engineering_eDucation_Enterprise_and_Research_Mobility_Completion_Report#.11](http://www.academia.edu/34100743/Erasmus_Mundus_Action_2_Strand_I_LEADER_Project_-552850-EM-1-2014-1-IT-ERA_MUNDUS-EMA21_Links_in_Europe_and_Asia_for_engineering_eDucation_Enterprise_and_Research_Mobility_Completion_Report#.11).

Others

- 25 April 2015 speech, Margão High School, invited by Instituto Camoes.
- Forum Catedra UNESCO Intangible Heritage, Universidade de Evora
- <http://www.unesco.chair.network.uevora.pt/forum/index.php/forum/index>

Moderator of the following threads:

- Bridging the gap between science and religion (and their communities)
- Math is behind (almost) everything
- Noli me tangere
- Tapping into the world's diversity and wisdom
- The study of the universe

(February 2018- forum is hacked)

10. Cypress Professor of Science awards

23 July 2016, Cypress International Center for Academic Research, Lingolwe, Malawi.

Similar degrees have been awarded to Luís Cezerilo (Mozambique) Aung Ze Ya (Burma), and Pastor Nel Bien Jean Baptiste (Ivory Coast).

Following year, 26 August, I received (in absentia) Honoris Causa, as well as Yingluck Shinawatra (Thailand), King Kyungu Kabanga – The Fourth(Malawi), King Lubosi Imwiko – The Second (Zambia).

Helping Vice-Chancellor in 2018 organizing. President Filipi Nyusi is nominated as Professor Political Sciences, as well as CEDEAO statesman Huco Monteiro. Honoris Causa goes to asrophysicist Gervasio Jorge Anela and Archbishop of Luxembourg., among other scholars

11. Classes

Lectured from 2011-2012 to 2017-2018

- Algebra Linear e Geometria Analitica, all years. Boring in the last one.
- Historia da Matematica, 2015-16 (no students after equivalence to all doctorants)
And 2011-12, 2012-13 – joint classes with Evolução do Pensamento Matemático for Master
-Aritmética e Álgebra
-Números e Operações

12. Doctoral Jurys

- Telma Fonseca Santos, Arts, Faculdade de Letras, 2016
- Paulo Castro, Philosophy, Universidade Lusófona, 2015

13. Actions in Asia

- Erasmus Mundus coordinating meetings at Bangkok, Manila, Islamabad, DaNang, Phnom Penh
- Rencontres du Vietnam at QNU, Quy Nhon, 2015

- British Council “Knowledge Park Conference”, Lahore, 2013 (Maryam Rab, Deepti Sachdev)

14. Semesters in Asia

- 2015, as Coordinator Erasmus Mundus

https://www.academia.edu/34100776/Sabbatical_semester_at_Asia 2017, as grantee of Grantee of Leader and Emma East Erasmus Mundus programmes:

https://www.academia.edu/34100743/Erasmus_Mundus_Action_2_Strand_I_LEADER_Project_-552850-EM-1-2014-1-IT-ERA_MUNDUS-

[EMA21_Links_in_Europe_and_Asia_for_engineering_eDucation_Enterprise_and_Research_Mobility_Completion_Report](https://www.academia.edu/34100724/Science_mission_at_Prince_of_Songkla_University_Phuket_Campus)

https://www.academia.edu/34100724/Science_mission_at_Prince_of_Songkla_University_Phuket_Campus

- In all countries, the attempts to conceive Erasmus + programmes locally coordinated have failed.

15. Synthesis

- reeditions of 2 books (thesis and last writing of J.Tiago de Oliveira)
- total success in .6 and .9
- less quantity in .12. than unreasonable excess in the 22 years before (Evora University)
- in .15. 2015 mission was better than 2 years later, when health declined. Easier to communicate in West Asia at general academies, than in East Asia in technical universities.

E- Intermezzo

1975, a singular year

March to July – Luanda and Sá da Bandeira

September to November- Brasil, Argentina, Paraguai

Librarian in Luanda University Department of Mathematics

Met prophet Simão Toko, prophet. Like Simon Kimbangu, he defended Jesus Christ was African.

- Arrested at Fortaleza Prison for 1 week during civil war

Read in prison:

-Claude Levi-Strauss, Tristes Tropiques

-Michael Arbib. Brains Machines and Mathematics

-Donald Knuth, The Art of Computer Programming, vol 1

In Sá da Bandeira teaching of Differential Geometry (introducing mathematization of Escher shapes), Programming and Mechanics.

Interrogated during 12h at UNITA, By order of Jerónimo Wanga, , Education Minister, mathematician and former student of my Father, I was immediately liberated.

Advised to come home immediately, as “retornado”, with a baby on my knees in the flight, in alternative of integrating MPLA military structure.

- In Lisbon started visiting Professor David Lopes Gagean at his prison, for having integrated PIDE/DGS (Professor of Marxism-Leninism to political police agents), Legião Portuguesa and possibly CIA.
- In Brasil, at Curitiba, attended the AMORC Rosicrucian Convention.
- Came back to Europe in Eugenio C
- In Barcelona, saw in television the funeral of Franco
- Arrived at Lisbon in 25 November with Ramalho Eanes assuming victory on TV
- As company in the boat, Jacques Sauloy, then coming from Chili, today Mathematics Professor in Toulouse; I welcomed his Master Costa de Beauregard at Arrabida 1994
- Read inboard Howard Philips Lovecraft, Thalassa by Sandor Ferenczi, and the complete works of Escher (my 2nd paper)
- Consequences of Angolan trend in following years:
 - Continuous seminars with Professor Gagean at his home, with presence of Drs Fragoso Fernandes, Manuel Costa Leite, João Reis, Sousa Lara. Lecturing Mathematical Physics 2 for Faculdade de Ciencias, at home, with Professors Taborda and Bivar Weinholtz .
 - Integration of Prof. Gagean in Fernando Gil Gabinete de Filosofia do Conhecimento;
 - Gagean joint work with Costa Leite emerged till his last days.
 - Judged and acquitted by Colonel Costa Campos, I was not yet allowed to study his process at Arquivo Historico-Militar.

F

Till the end of 2011

1. Disciplines Taught:

- Universidade Nova de Lisboa
- F.C.S.H. Computers , with Professor Graça Simões
- F.C.S.H. Logic , with Professor Nguyen Van Minh
- F.C.S.H.

- Mathematics and Statistics for Social Sciences – Courses Anthropology, Sociology and Social Communication. (with Professor Carlos Braumann in 1980-81). One year later, outstanding collaboration with Drs Dias Barbosa and Joaquim Perez, that lasted for 2 years. The best team and set of students in lifetime.

Note siege etait fait. Nous etions branches. Then we splitted and it ended.

Cabo Verde

- I.S.E. Numerical Analysis and Computing
- I.S.E. Cosmology and History of Science (Philosophy)
- I.S.E. Differential Equations
- I.S.E. Analytic Philosophy
- I.S.E. Differential Geometry
- I.S.E. History of Scientific Thought
- I.S.E. and UÉvora History of Mathematical Thought
- I.S.E. and UÉvora Logic and Foundations (at UE with Professors Franco de Oliveira and Fernando Ferreira)
- I.S.E. and University of Aveiro, Geometries
- University of Aveiro- Mathematics – Ceramic Engineering and Environment.
- University of Aveiro- Operational Research –Ceramic Engineering and Environment.
- University of Aveiro -Theoretical Mechanics – degree in Mathematics
- Évora University
- General Theories of the Phenomena and Comparative Epistemology – Master in Human Ecology, with Professors Jorge Brito, Carlos Bellino Sacadura, Ana Salema, Jacinto Rodrigues, Frederic Coustols, Bruno Garnero, Lionel Tardif)
- History of Mathematics
- Mathematics for Sociologists I and II
- Mathematics for Architects and Landscape Architects
- Integrated Topics of Mathematics
- Mathematics for Primary Teachers
- Mathematics for Kindergarten Teachers
- Linear Algebra (with Colleagues Manuel Branco, Jorge Salazar, Joaquim Correia, Sara Fernandes, Luis Bandeira, Fatima Correia)
- Geometries (with Professor Franco de Oliveira)

1.1. Disciplines co-Taught:

- Timor
- UNTL – with Professors Lino Verdial and Zulmira Ximenes

- Secretary of Mother Guilhermina Marçal, Dept. Education
- Mathematics 1, 2 and 3 – Courses of Agricultural Science and Economics, National University of East Timor
- UNTL - Portuguese for Physicists
- 2 shared recyclings for Teachers of Mathematics, Institute of Continuing Education of Teachers

University of Évora

- Preparatory Course of Mathematics (12nd year)
- CESVALOR CET on Ornamental and Industrial, Borba, Portugal (the worst of all experiences in life- to forget)

1.2. Conferences and Meetings:

- 1999- Prospective of Cabo Verde University, Praia (Jorge Brito, Carlos Bellino, StAubyn, Mesquitela Lima, Abreu Freire)
- 1998 -Symposium on Complex Analysis, Coimbra-Aveiro, Extending the Exponential to Quaternions. (Helmut Malonek)
- 1997 - Seminário sobre o Padre António Vieira, Évora, “Akhel e Seze no Sarmoung, a Oriente do Sermao da Sexagesima”. (Prof. Augusto Silva)
- 1991 - Seminário “La Biología entre la Mitología y la Filosofía”, México, Conferência “The Geometries of three Ancient Kingdoms”. (in Uroboros, vol 2) (Teoman Durali, Marcela Zambrano, Lugowski, Tsallis)
- 1996 - “Grupo de Matemáticos de Expressão Latina”, Coimbra, “Uma extensão da exponencial aos quaterniões”. (edited in the Actas, dedicated to Prof. Emilia Giraldes)
- 1994 - Casa de Serralves, Porto, “Numerologias”. (later edited in “Um Oriente a Oriente do Oriente”) (Jose Gil, Isabel Labouriau)
- 1994 - Paradigms in Mathematics, Zaragoza, “Styles or Paradigms?”. (Hormigon, Sofonea)
- 1994 - Congresso Piaget, Lisboa, “Refutation of Refutation”. (José Manuel Martins, Francisco Soares)
- 1994 - “L’Ordre et le Chaos”, Lisboa-Paris, “A Ordem Fractal, entre o contínuo e o número”. (Jose Gil, Filomena Molder, Bracinha Vieira, Paulino Fortes, Paul Viaud, Anne Merker)
- 1992 - Ometeca Seminar Santa Fé, “The geometries of travel~writing” e “On art, dimensionality and time”. (edited in Ometeca, n. 6) (Rafael Catalá)
- 1992 - “Caos e Metapsicologia”, Lisboa, “Dimensões de Fractalidade”. (edited by I.S,P.A.)

- 1991 - PROFMAT 91, Porto – Guest speaker: “Escher e a sua Obra”. (edited in Actas)
- 1990 - “Tutorials” IFIP Congress Fractal: “O lugar dos fractais”. (attended by Professor Antonio Ribeiro and PARTEX technologists)
- 1989 - Encontro de Gabinete de Filosofia do Conhecimento, Évora, “O Teorema de Chaitin”. (Paulo Tunhas, Jorge Rivera)
- 1988 - Simpósio “A Literatura de Viagens e os descobrimentos portugueses”, Lisboa, “A Geometria das Viagens”. (edited in Prelo, INCM, Lisboa) (Adriano Parreira, Rosa Perez)
- 1988 - Colóquio “Moderno/Pós-Moderno”, Lisboa, “O que seria a pós-modernidade na Matemática e na Física, se existisse?”. (edited in Revista de Comunicação e Linguagens) (Ema Quintas Alves, Mariano Gago, Braganca de Miranda)
- 1987 - VIIIth International Congress of Logic Methodology and Philosophy of Science”, Moscow, “Thirdness as an intrinsic limitation in Contemporary Mathematics”. (edited at volume VII)
- 1985 - “Pensar a Ciência”, Lisboa, “O infinito na Matemática e na Física”. (edited in Gradiva) (Costa Leite, Esquível)
- 1984 - “100 anos de Investigação e Ensino em Antropologia”, Coimbra, Alternativas para o ensino da Matemática em Antropologia. (edited in Antropologia Portuguesa, Actas)
- 1984 - Conference on "M. C. Escher, Art and Science ", Rome, " Escher and the Mathematics of Chaos". (H.S.M. Coxeter, Roger Penrose; unhappy meeting with Emmer)
- Adapted and edited in Filosofia e Epistemologia II – “De Leibniz a Mandelbrot, variações sobre Escher”, in the spirit of a conference at Sociedade Portuguesa de Filosofia
- 1983 - In the "2nd Workshop on APL", Lisbon, "An implementation of the algorithm Karnaugh" (co-written with Salvador Pinto de Abreu). (Marques Henriques)
- 1981 -In "1st Workshop on APL", Lisbon - APL programming style. (“Style in APL programming”) (Marques Henriques, Langlet)
- 1980 – “O princípio de cosmic censorship – uma vindicação e duas refutações”, in “A censurância”, Revista de Comunicação e Linguagens, vol.1 (a comment on 1977 G.F.R. Ellis cosmological model, and the anthropic principle).
- 1979 - In "Jornadas Luso-Espanholas de Matemática", Santander: “The Theory of Conway” (co-authored with Leonor Moreira). (StAubyn)
- 1978 -"Séminaire Systema", Paris: “Nombres et jeux de Conway” (edited with Leonor Moreira and José Ferreira de Castro, “De Ixtlan a Irritzin – pelo caminho do jogo”, in PRAXIS -Associação de Estudantes da Faculdade de Economia do Porto) With illustrations from Hyeronimus Bosch and Fernando Pinto Coelho.

1.3. Talks

- at the Museum of Évora, in other universities (Krakow, ISPA, Istanbul, Minho, UBI, ISE, SRU, TLU, Luang Prabang) and secondary schools in Portugal and Cabo Verde.
- in the Portuguese Cultural Centre of Maputo and the Pedagogical University and Eduardo Mondlane, Mozambique,(1997)
- Lecture in Universidade de Malanje.(2014)
- Radio interviews at Universidade Independente, Luanda.(2014)
- Goa – 25 April conference in Margão. Presentations in Goa 2 Universities (2015).

1.4. Book presentations

editions of works of J. Lima de Freitas (by Hugin Editor), J.L. Simões da Fonseca (Tractatus Logico-Psychologicus), Carlos Bellino Sacadura (Filosofia da Educação).

1.5. Mathematics

- Tiago de Oliveira, J.C. (2005): Modulated Chaos as a source of Numbers of Images, Baku Academy International Journal of Academic Research.
- Tiago de Oliveira, J.C. (1994): The place of fractals “, in “Chaos in Metapsychology” Fenda, Coimbra (F.A.Carvalho Rodrigues, Luis Ribeiro, Teresa Vergani)
- Tiago de Oliveira, J.C. (1993): Brief essay on the extension of the quaternion exponential, logarithmic and power - Bulletin of the Paranaense Society of Mathematics, 12. (Newton da Costa)
- Tiago de Oliveira, J.C. (1980): An extension of the quaternion exponential, Minutes of Meeting of GMEL, Coimbra. (Paulo Almeida).

1.6. Philosophy of Science

- Tiago de Oliveira, J.C. (1991): The Geometries of the Ancient Kingdoms, in Ouroboros, V. 1, n2, 1991, Mexico. Republished in Uroboros - Biology Between Mythology and Philosophy, ed. Academy of Sciences in Warsaw.
<http://www.unesco.chair.network.uevora.pt/index.php/forum/math-is-behind-almost-everything/5791-geometries-of-3-ancient-kingdoms>
- Tiago de Oliveira, J.C. (1987): Thirdness as an intrinsic Limitation in Contemporary Mathematics, Proceedings of the VIII International. Congress of Logic Methodology and Philosophy of Science, Moscow. (Pambuccian, Stengers, Chertok, V.I.Arnold)

1.7. Studies on Personalities

- Tiago de Oliveira, J.C. (1989): “Borges, the Mathematician”, a Ometeca, New Mexico. (dedicated to Maria Kodama)
- Tiago de Oliveira, J.C. (2012) : “A personalidade científica de António Gião”, Évora, thesis. Awarded for edition by Fundo Cultural, Sociedade Portuguesa de Autores
- Voyage Inspiré par Lima de Freitas, Seix, 2009
- <http://rencontres-abbellio.net/rencontres/2009/Voyage%20inspir%C3%A9%20par%20Lima%20de%20Freitas.pdf>

1.8. Sociology of Science

- Tiago de Oliveira, J.C. (2009): Emergência do Imaginal e Palavra Perdida in Lima de Freitas e a Emergência do Imaginal, Sintra.
<http://www.unesco.chair.network.uevora.pt/index.php/forum/noli-me-tangere/15-lima-de-freitas>
- Tiago de Oliveira, J.C. (1998): Science and Art, Antonio Gião - intimes fragments d'un savant oublie, Festschrift in Honor of Teoman Durali, Istanbul.
- Tiago de Oliveira, J.C. (1996): Desigualdades Regionais em ciência e filosofia, Boletim do Núcleo de Estudos da História e Filosofia da Ciência, nº 1, Ciência e Arte.

1.9. Other Publications

- Book reviews in magazines and Philosophy Analysis (Análise (on Moscow Congress Logic, Methodology and Philosophy of Science) and Filosofia (Science Controversies 1986)).
- Collaborations in magazines: Praxis, APLicações, Filosofia e Epistemologia, Antropologia Portuguesa, Revista de Comunicação e Linguagens and another volume of the Social Communication Department (for instance, on the deaths of Hallaj, and of Ibn Rushd - both subjects involving the passing of masters and of their understanding)
- and newspapers: Sábado (on Benoit Mandelbrot), Suplemento Literário do Primeiro de Janeiro.
- Participation in collective works: ”Memórias da Escola Primária Portuguesa”, “Homenagem ao Professor Augusto da Silva”.

2. Member of the editorial board of Journals:

- Revista de Comunicação e Linguagens (till 1990).

- Ometeca, New Mexico, (1989-93).
- Uroboros, México (1991-93).
- Factos e Argumentos (2002-2004).
- Kutadbidilig, Istambul (2002-...).
- International Journal of Academic Research, Baku (2009-...)

2.1. Scientific Societies

- International Society for the Study of Time (1986-1998)
- Centro de Estudos de Comunicação e Linguagens (installation commission)
- Sociedade Portuguesa de Matemática (Direcção Regional do Sul e Ilhas)
- Centro de Estudos de História e Filosofia da Ciência da Universidade de Évora (elected for direction)
- Centre International de Recherche et Études Transdisciplinaires
- Sociedade Portuguesa de Autores
- Centro de Filosofia da Ciência da Universidade de Lisboa

Present research project

<http://uci.fc.ul.pt/siteDocs/docs/O3.pdf>

- Instituto Bento da Rocha Cabral (deep dialogue with Professor Ruy Pinto)
- Associação Portuguesa da Linguagem APL (fiscal council, dialogue starting 1972 with Prof. Marques Henriques)

2.2. Scientific Meetings

- 2012: O Fim da Ciencia (Nottale, Steiner, Simões da Fonseca, Rui Feijó)
- 2008. Lima de Freitas e a Emergência do Imaginal, Sintra, Portugal.
- 2006: Centenário de Agostinho da Silva, Timor. (with Father Apolinário Guterres, who gave burial to the Philosopher)
- 2005: 1^{as} Jornadas Inter-Universitárias de Dare, Timor. (Tomaz Dentinho, Benjamim Corte-Real, Rui Feijó)
- 2002: Complexidade e Economia, Arrábida, Portugal.
- 2001: Indo-European Seminar on Ayurveda, Arrábida, Portugal. (Ganayesham Marda, Kedar Shende, Yogini Patil, Luís Filipe Thomaz, Ana Salema)
- 2000: Humanismo Latino e Humanismo Africano, Praia, Cape Verde. (with the class of Philosophy students, who integrated African Philosophy in this event promoted by Commendatore Dino di Poli, Cassamarca. Bellino, Jorge Brito, my best student Silvino)
- 1996: History of Mathematics and Mathematical Education, Braga, Portugal. (Liviu Sofonea, Paulino Fortes, Abdulcarimo Ismael, Claude Merker)

- 1996: Colóquio Descartes, Viseu, Portugal. (Jorge Brito, Carlos Bellino, Ludumila Aragão)
- 1995: Jornadas de Transdisciplinaridade, Lisboa. 1994: 1st World Congress of Transdisciplinary, Arrábida, Portugal. (Jorge Brito, Carlos Bellino, Carlos Silva, Michel Random, Duarte Castel-Branco, Juarroz, Ruth Escobar, Anes, Nicolescu)
- 1994: Paradigms in Mathematics, Zaragoza, Spain. (Mariano Hormigon, Leo Corry, Liviu Sofonea)
- 1992: Caos e Metapsicologia, Lisboa. (Fernando Carvalho Rodrigues, Luis Sousa Ribeiro, Teresa Vergani)
- 1990: Fractal 90, Lisboa. (Mandelbrot, Peitgen, Yagmur Denizhan, François Collot)
- 1990: Escola de Verão de História de Matemática, Évora, Portugal. (Rachid Bebbouchi, Ahmed Djebbar)
- 1990: Le Continu Mathématique, Cerisy. (Diener, Harthong, Ehrlich, Machuco, Franco de Oliveira)
- 1990: Structures in Mathematical Theories, San Sebastian. (Newton da Costa, António Freitas). Abandoned conference to attend Cinema Festival.
- 1989: NATO ASI on Fractal Geometry and Analysis, Montreal.
- (Mendès-France, Esquível, Jorge Salazar, Constantino Radeff, Claudia Clausius, Jacques Dubuc)
- 1987: Fractals and their importance in Mathematics and Science, Oberwolfach. (Peitgen, Falconer, Mandelbrot, Barnsley, Jenny Harrison)
- 1987: VII World Conference of Logic, Methodology and Philosophy of Science, Moscow. (Pambuccian; violent letter from Eduard Wette to my Dean/ I did not agree with his equality between 1 and 0, in maths; too many lectures in Russian; Mario Bunge lecture made me return to dualism in the style of Popper-Eccles)
- 1986 Abraham Moles, Department Social Communication, Lisbon (Prof. Lopes da Silva)
- 1986: Controvérsias Científicas e Filosóficas, Évora. (Petitot, Bruter, Fernando Gil, Ana Simões, Rui Moreira)
- 1986: Time and Mind (ISST), Totnes. (Panikkar, Fagg, Fraser, Michael Crawford, Claudia Clausius)
- 1978: Congrès Solvay, Bruxelas. (Prigogine, Stengers, Brout, Englert, Gunzig)
Invitation from Nicolis at Prigogine-Thom controversy, Italian Institute, Paris
- 1978: NATO ASI on Advanced Technobiology, Paris. (Boris Rybak, Teoman Durali)
- 1978: Elaboration et justification de modèles en Biologie, Paris. (Delattre, Bruter, Paillard, Moulin, Carlos de Jesus)

- 1977: Teoria das Catástrofes, Instituto de Física Matemática (Claude Bruter, Filomena Molder, Dias Barbosa, Carlos de Jesus; Jean Petitot joined after being boycotted at Instituto Gulbenkian de Ciencia)
- 1977 : Journées de Systémique AFCET, Paris. (Bruter, Paillard, Delattre, Thom)
- 1975: Convention Ancient and Mystical Order Rosicrucian, Curitiba (Christian Bernard)
- 1973: Congresso Oposição Democrática, Aveiro (Sottomayor Cardia, Vasco da Gama Fernandes, Cal Brandao)

2.3. Positions Held:

1978-2016 :

- Scientific Coordinator Program Erasmus Mundus EMMA WEST 2013 (2013-2016, 2.5 M€)
- Joint Coordinators Maryam Rab, Fareena Iqbal, Javaria Ifikhtar, all from FJWU, Pakistan
- Accepted Report, EACEA, 2017
- Member of the Center of Philosophy of Science, Lisbon University – CFCUL.fc.ul.pt <http://uci.fc.ul.pt/siteDocs/docs/O3.pdf>
- Institute of Scientific Research Bento da Rocha Cabral.
- 2003 - 2004 Member of Commission of Course in Childhood Education.
- Member of Committee of the Masters Course in Human Ecology (member, later permanent advisor). (Jose Manuel Mascarenhas). Evolved to Scientific Secretary of Centre International Ecologie Humaine (J.Manuel Nazareth)
- 1997-1998 Responsible for the Seminar Centre for the Study of History and Philosophy of Science, University of Évora.
- 1993-1998 Member of Installation Committee, Center for the Study of History and Philosophy of Science, University of Évora. (Maria Amelia Indias)
- 1987-1989 Pedagogical Commission of the Department of Social Communication FCSH.
- 1986-1987 Member of Assistants Advisory Committee, to the President of the Scientific Council FCSH. (Prof.Morais Barbosa, Prof. Esteves Pereira, Dr Fernando Rosas)
- 1978-1979 Secretary of the Board of the Pedagogical Committee in Mathematics, University of Aveiro.(David Vieira)

2.4. Other Activities:

- 2010-2016: member of the Board of Directors of the Erasmus Mundus Mobility with Asia-West. Emmasia.uevora.pt

- 2013-2017: member of the Board of Directors of the Erasmus Mundus Mobility with Asia-East. Emmasia.udn.vn
- 2000-2008: Scientific Secretary of the International Certificat d'Écologie Humaine.
- 1992-1995 – Convento da Orada. Failed attempt to create Free Masonic University, with Architects Rosado Correia and Phil Hawes.(after only one Master on Biosphere Architecture realization)
- 1979-1981: Member of the Jury of Film Festival at Figueira da Foz, Portugal.

2.5. Editor Activity:

- Responsible for technical review of translations of Nature and Mind (Natureza e Espírito) , Gregory Bateson, and Pour l'Honneur de L'Esprit Humain (A Formação da Matemática Contemporânea) , Jean Dieudonné, both publications edited by D. Quixote.
- Support Editorial Gradiva by the advice of works to be translated: Os Dragões do Éden, C. Sagan, A dupla hélice, J. Watson, História Concisa da Matemática, D. Struik, A experiência matemática, Hersh and Davis, O Livro dos Números, Guy and Conway.
- Tiago de Oliveira, J.C. (1998-2001). Director of Trans collection in Hugin Editors, made by volumes: AAVV. A Vivência do Sagrado (1998); AAVV, Transdisciplinarity/Transdisciplinarité (1998); and B. Nicolescu, O Manifesto da Transdisciplinaridade (1998).
- Tiago de Oliveira, J.C. (1998). Co-organizer of special core by Boletim da Sociedade Portuguesa de Estatística on 70 years of J. Tiago de Oliveira.
- Tiago de Oliveira, J.C. (1997). Organization, search and edit Collected works by J.Tiago de Oliveira, Évora, : Statistical of Analysis of Extremes, in Pendor
- Tiago de Oliveira, J.C. (1996). Organization, search and edit Collected works by J.Tiago de Oliveira, Évora, : Volume 2 – Trabalhos Históricos-Filosóficos, Textos Pedagógicos e Miscelâneas, in Pendor (presented by F.R.Dias Agudo and Manuel Patricio, at Livraria Escolar Editora)
- Tiago de Oliveira, J.C. (1994). Organization, search and edit Collected works by J.Tiago de Oliveira, : Volume 1 – Livros de Matemática, in Pendor (presented by Ubiratan D Ambrosio, PROFMAT meeting, Leiria)
- Organization, search and presentation of the volume –O Homem e a Obra, by J. Tiago de Oliveira. Edições Colibri, Lisboa, 1993 (1ª e 2ª edições).
- http://cfcul.fc.ul.pt/JTO/J_Tiago_de_Oliveira-O_Homem_e_a_Obra_lowres.pdf
- Presented by Manuel Laranjeira and Eugenio Lisboa (Lisbon, New University National Hommage to J.Tiago de Oliveira, with President of Republic)

2.6. Other skills

Diploma “Patrão de Costa” with course by Commander Castel-Branco and Lieutenant Antão. Prepared to exam by Nuno Crato and João Carlos Espada.

“Carta de Mergulho”. Teaching by Arch Albuquerque. Lack of oxygen at 30m depth, while in exam at Sesimbra. Rescued by an exam “angel”.

Elected captain football team, Faculdade de Ciências Sociais e Humanas.

G

Auto-psychography	(1)
What do I tell when I write a biography?	(2)
Meeting Remarkable Humans	(3)
(1) Fernando Pessoa	
(2) Henrique Leitão	
(3) Gurdjieff	

A polygonal story, with actors as sides, and events as angles

1

My most influent teacher at Lycée Français Charles Lepierre has been José Filipe da Gama Ferreira de Castro. Last time we met has been in 2000. My class colleague for 9 years, went to study in Swiss. 1st to learn by phone that 16 March and 25 April coups were to happen at any moment. Once visited by Mormon missionaries, he is now an elderly one – after tuberculizing when converting in Northern Brasil. Musician and singer in Petrus Castrus, from his brother name.

At home my family had a vast library, trended by Bertrand Russell, António Sérgio; logical positivism and socialism.

I owe Castro all the alternative knowledge – the Russian lost cosmonauts found by Judica-Cordiglia brothers in radio, and the fantastic realism of Planète – including Borges, Escher. Ramanujan, Boscovitch, Edgar Cayce. As well as short stories, like The hounds of Tindalos (that I imitated in my 2015 book) or Lovecraft (completely read while navigating in Atlanticus and Mare Nostrum)

And Die Aufhebung Der Abendlandes – Oswald Spengler, that preceded my Arnold Toynbee study during Angola civil war.

Escher has been the subject of my second writing, Borges of many others, namely 2 lectures at Santa Fé, June 22 1992, before phoning my Father, a few hours before he passed away. (one of these conferences appears in Prelo-INCM, the other at 2015 book)

Wrote a short story on Castro Father library – The Principle of Vitamins, published at “Um Oriente a Oriente do Oriente”.

But I had another major writing in the seventies – Lanza del Vasto Le Pelerinage aux Sources. My last books bear his title.

3

Fraternity with both elderly intellectual masters is analyzed for Simões da Fonseca at C in link
 Quand il est mort le Poete Suspiria de Profundis ad Vulgum, , and Gagean at D, 1975 and after.
 An intellectual difference emerges in the titles of their publications.

Young Gagean was Director of magazines Sulco (from União Nacional, Salazar party), and Mão Vermelha, from Legião Portuguesa, on counter-spying.

Elder Simões da Fonseca titles of last books have been Tractatus Logico-Psychologicus and Principia Mathematica Psychologia Naturalis – de Natura Animae. Evoking authors as Wittgenstein, Newton, Whitehead, Russell, Aristoteles.

Right and Left options.

4

Another trend emerged in 74 with the revolution. The faculty of sciences student association was dominated by pro- Albania. An ephemeral Movimento de Acção Estudantil, and the socialist student we found was Jose Anes, interested in alchemy.

He later became chair of a football club, of the observatory of terrorism, Great Prior and Great Master of Free Masonry. I owe him the approach to Rosicrucians (whose convention I attended at Curitiba, in 75) , and the many later steps including transdisciplinarity and Lima de Freitas, on whom I published twice – links are on CV. When I left Universidade Nova, he has been my proud successor in Mathematics for Anthropologists, and creator of Anthropology of Religion. Parallel to his alchemy thesis, I went to Solazaref and to Petri Murien laboratory.

5

The deepest continuity on spiritual ways emerged at Gulbenkian Foundation, in early 77, with António Pascoal. Is this a remote consequence of the (secret) fact of Gulbenkian having followed Gurdjieff, revealed in Armenian concert by Maestro Levon Eskenian?

Pascoal introduced me, in Sintra, to Manuela Lourenço, a disciple of Lanza del Vasto, (that I visited twice in his Arche, France next year), Cornelia Durga, the yoga teacher, whose daughter is today giving darshana in Aljezur. With her, Daniel Crespín, mathematician coming from India, eloquent in the fact that Asia goes deeper than maths. Today, he does physics in Caracas. Among the students, Rogerio- he decided to earn money to go eastwards. Went teach maths to STome, then could fly to India and return walking, before the wars. To come back to island and plant coffee..

Pascoal brought me to a Brotherhood, Eubiose, with possible Agartha contacts. Alberto Castro Ferreira was one of its members., I was to meet him much more at Porto and Aveiro. He brought us to Max Holzer, Gurdjieff disciple; and to mathematical group

<http://www.unesco.chair.network.uevora.pt/index.php/forum/math-is-behind-almost-everything/89-systema>

Where I made my 1st lecture (after visiting, in Cambridge, John Horton Conway), giving rise to my 1st paper- with José Castro and Leonor. This paper was dedicated to Don Genaro.

Alberto also introduced me to Lima de Freitas, whose teachings are analyzed in 2 papers linked above. And I brought Lima to Anes – in a Fractal 90 meeting, while talking of cold fusion versus alchemy-, thus giving him a masonic destiny, that brought me in Hugin Editor.

However, my greatest debt to Alberto is to have given the latest benediction to my God Mother.

6

Mutatis mutandis. Twice in my life I changed southwards. 72 and 75.

At the end of high school, I wanted to go out. and was offered choice between Mozambique and Angola, I took the wrong option, who brought me many times to danger and extremes. All nights, in 72 as in 75, I was the only one walking in the Luanda bay, before coming again to the computer room. APL was my language – and I never evolved..

2 years later, a grant came to France. Paris was too big, and I dreamed of the surrealist house of Benjamin Peret, offered by movie director Saguenail, at La Ciotat. Too far from Marseille, where I studied, and I changed to oscillate between the Vieux Port city, and Aix, for philosophy. In Maths had mechanics on Monday, logic at Friday. Therefore, I integrated behaviour sciences for the other days. Most of the time searched ways to be outside- Conway in England, Prigogine in Brussels, everyone in Paris.

Met a friend for all seasons –Nguyen Van Minh, doctorate in Tarski, librarian of epistemology, became his assistant in logic 3 years later (leaning modality). Deeper philosophy coming from Asia, including his study, with Arnaud Pozin, on crystal therapy. Introduced me to Jean-Pierre Petit , with his research in multipolar cosmology.

Finally at Nice, with all my Cabo Verde friends, to be met again in 81 again 91, during 12 years and forever, in the Hesperis islands where “sodad”, “mantenhas” , “morabeza” become “my way of life”.

Then missions ended– becoming the moment of David Vieira, then of Simões da Fonseca to come. Today, Delfim Torres, Adelia Sequeira, Willi Jaeger, bring to Cabo Verde the highest profile in all PALOP.

There I worked in mathematics and, above all, philosophy.

G.F.R.Hardy wrote he had nothing special in life, except the privilege of working in equality with Lieutenant Littlewood and Srinivasa Ramanujan. At Cabo Verde, I did with Jorge Sousa Brito, Paulino Lima Fortes, Carlos Alexandre Bellino .de Albuquerque Sacadura. All of them join me in the Center Philosophy of Science, 2 have been together with me at Centre International de Recherches et Etudes Transdisciplinaires, at Arrabida, as well as in Mestrado de Ecologia Humana, Evora. The 4 of us are together again in 2018, in the Center Philosophy of Science

7

Philosophy.

I am irrationalist

Mathematics.

Erlangen program for fractals, exponential for quaternions, classification of Mario Markus pictures. In 1990 at Cerisy I started comparing the various models of the continuous. Subject of my 4th paper, at Gradiva., and of my 1st on Conway

In youth, my intuitionism was assumed; it evolved into Brouwer psychology, and Brian Rotman’s view on essential diversity of philosophy within almost all mathematicians personalities.

Physics.

Complementary to Moskwa congress ,Pambuccian comparison of 4 times structures, I enjoy to refer the branching one of Everett, cyclic of Nietzsche and (lisbonette rumanian) Mircea Eliade. Matter for a few dialogues. I regret university chairs for that disappeared with Bologna. Therefore, I talk the talk, but not walk the walk of writing...after 2 papers on Geometry of Voyages, 1988 and 92.

Cosmology.

Since I bought, near Mario Soares house, a Scientific American on the proton decay, Hoyle model became not the best alternative. The study of black holes started with Ellis and Penrose contradiction in 77 – my 3rd paper.

Style –

the influence from Aix-en-Provence Comparative Epistemology, and from Minh (with him I studied modal logics), stays deeply. Analyzing it in APL programming 5th paper, and my thesis had style as motto.

Anthropology

. It should have been my life. Emic instead of Etic. Nahuatl instead of Tonal. Less Don Juan Matus, more Don Genaro Flores. In that spirit, at 98 Ibero American philosophy congress, I met Biznacio Flores, Rayda Guzman, Jesus Sandoval – the Professor of Sub Commander Marcos.

Sociology.

Acting in the 3rd world, namely on gender issues (Pakistan), tribal mathematicians (Luang Prabang), sex workers (Kolkatta), cosmology vision (Santiago town, in Cabo Verde, with Silvino, the local philosopher), spiritual groups (Tibetan refugees)

History.

No method (Feyerabend). Proof is less relevant than alternative and contradictory hypotheses. For instance, the Jew of Linz –Wittgenstein may explain Hitler, since they have been together in a photo as in a class.

Slowly, my history of science is evolving to its anthropology, Including regional inequalities and understanding the psychism of creators.

No religion. Faithless, hopeless,.charitative. Open to reincarnation by Pascal argument on God.

8

Learning from students

Gião has been rejected for decades, and only studied by the alumni I had in his village – Reguengos de Monsaraz- where my thesis has been conceived and written. A Pilgrimage to Sources of a mysterious chapter of Science.

9

A mystery to solve, art . Started with Escher (3rd paper), Borges (in short stories writing style plus Ometeca paper), today in post –modern (last paper) Markus paintings

<http://mariomarkus.com/hp4.html>

[10](#)

[Conclusions?](#)

Old Masters since high school-Gagean and Simoes da Fonseca

Authors I studied and met- Borges, Lanza del Vasto, Bruter, Conway, Mandelbrot

Walking together- Ferreira de Castro, Pascoal, Castro Ferreira, Nguyen Van Minh, Lima de Freitas, Vasco Camara Pestana, Pradip Baksi
