



Comisión Interministerial de Ciencia y Tecnología

Curriculum vitae

Nombre: ZAIATS PROTCHENKO, Vladimir

Date: 02/09/2021



Surnames: ZAIATS PROTCHEKNO Name: Vladimir
Date of birth: 1961-10-02 Gender: M

Current professional situation

Institution: Universitat Autònoma de Barcelona
Faculty, School or Institute: Facultat d'Economia i Empresa
Dept./Sec./Struct. Unit: Departament d'Economia i d'Història Econòmica
Postal address: Campus UAB, Edifici B, 08193 Bellaterra (Barcelona)

Specialization (UNESCO codes): 120803, 120911, 120913
Date of beginning: 2018-09-01

Free-lancer (since 2021-08)

Research lines

A short description, using Keywords, of specialization and current research lines.

Statistical inference; application of statistical methods in health sciences, environmental studies, engineering; neural networks; deconvolution; linear and non-linear filtration; dynamical modelling; speech recognition; image recognition

ORCID: 0000-0002-2932-4805

Researcher-ID: H-5474-2015

Studies

<u>Baccalaureate and Master's</u>	<u>Center</u>	<u>Date</u>
Degree in Mathematics	Kyiv Taras Shevchenko State University (Kyiv, Ukraine)	1983-06-24 (recognized in Spain on 1995-09-14)
<u>Doctorate</u>	<u>Center</u>	<u>Date</u>
Ph.D. in Physics and Mathematics	Institute of Mathematics of the Academy of Sciences of Ukraine (Kyiv, Ukraine)	1989-10-18 (recognized in Spain on 1996-03-29)

Previous research and teaching activities

<u>Position</u>	<u>Institution</u>	<u>Dates</u>
Research Fellow	Institute of Mathematics of the Academy of Sciences of Ukraine (Kyiv)	1983-08 to 1991-10
Associate Professor (p.-t.)	Kyiv Polytechnic University	1990-01 to 1991-06
Postdoctoral Fellow	Centre de Recerca Matemàtica, Barcelona	1991-10 to 1992-09
Associate Professor	Universitat Autònoma de Barcelona	1992-09 to 1992-12
Visiting Professor	Universitat Autònoma de Barcelona	1992-12 to 1994-12
Lecturer (p.-t.)	Estudis Universitaris de Vic	1994-12 to 1996-08
Associate Professor (p.-t.)	Universitat de Vic	1996-09 to 2004-09
Associate Professor (p.-t.)	Universitat Autònoma de Barcelona	1994-12 to 2004-09
Associate Professor	Universitat de Vic	2004-10 to 2017-07
Associate Professor (p.-t.)	Tecnocampus Maresme	2017-09 to 2018-01
Collaborating Instructor (p.-t.)	Universitat Oberta de Catalunya	2021-02 to 2021-07

See Appendix A for a complete list of courses taught ([click here](#))

Languages

<u>Language</u>	<u>Speaking</u>	<u>Reading</u>	<u>Writing</u>
Spanish	C	C	C
Catalan	C	C	C
English	C	C	C
Russian	C	C	C (mother tongue)
Ukrainian	C	C	C (mother tongue)

Participation in projects

(national and international)

Project title: Modelos exponenciales y métodos asintóticos de orden superior, con aplicaciones a la economía financiera
[Exponential models and higher-order asymptotic methods, with applications to financial economics]

Funded by: DGICYT (ref. BFM2000-0002)

Participating institutions: Universitat Autònoma de Barcelona

Duration, from: 12-2000 till: 12-2003

Amount funded: 12,789.54 euros

Main researcher: Dr. Joan del Castillo Franquet

Number of researchers involved: 6

Project title: Nonlinear Speech Processing – Action COST 277

Funded by: EU

Participating institutions: National and foreign universities

Duration, from: 06/2001 till: 06/2003

Main researcher: Dr. Marcos Faúndez Zanuy (coordinator)

Number of researchers involved: 12

Project title: Separació de Fonts (Sources Separation), Integral Action with France

Funded by: Dept. Universitats, Recerca i Societat de la Informació (DURSI), Generalitat de Catalunya

Participating institutions: Universitat de Vic, Institut National Polytechnique de Grenoble

Duration, from: 2002 till: 2003

Amount funded: 3,005 euros

Main researcher: Dr. Vladimir Zaiats

Number of researchers involved: 4

Project title: The Barcelona Conference on Asymptotic Statistics BAS2003

Funded by: Universitat Autònoma de Barcelona (ORG2003-030/1T)

Participating institutions: Centre de Recerca Matemàtica

Main researcher: Dr. Vladimir Zaiats

Number of researchers involved: 4

Duration, from: 01/2003 till: 12/2003

Project title: The Barcelona Conference on Asymptotic Statistics BAS2003

Funded by: CICYT (BFM2002-10238-E)

Participating institutions: Centre de Recerca Matemàtica

Main researcher: Dr. Vladimir Zaiats

Number of researchers involved: 4

Duration, from: 01/2003 till: 12/2003

Amount funded: 7,000 euros

Project title: Modelización Estadística Multidisciplinar [Multi-Disciplinary Statistical Modelling]

Funded by: Ministerio de Ciencia y Tecnología (ref. BFM2003-04039)

Participating institutions: Universitat Autònoma de Barcelona

Duration, from: 2004 till: 2006

Amount funded: 43,340 euros

Main researcher: Dr. Joan del Castillo Franquet

Number of researchers involved: 5

Project title: Separación lineal y no lineal de señales. Teoría y aplicaciones en neurociencias y procesado de voz
[Linear and Non-Linear Separation of Sources. Theory and Application to Neurosciences and Voice Processing]

Funded by: Ministerio de Ciencia y Tecnología (ref. TEC2007-61535/TCM)
Participating institutions: Universitat de Vic, Institut National Polytechnique de Grenoble
Duration, from: 2007 till: 2008 Amount funded: 7,000 euros
Main researcher: Dr. Jordi Solé Casals
Number of researchers involved: 3

Project title: The Barcelona Conference on Asymptotic Statistics BAS2008

Funded by: MEC (ref. MTM2007-30185-E)
Participating institutions: Centre de Recerca Matemàtica
Main researcher: Dr. Vladimir Zaiats
Number of researchers involved: 4
Duration, from: 01/2008 till: 12/2008 Amount funded: 8,000 euros

Project title: The Barcelona Conference on Asymptotic Statistics BAS2008

Funded by: Programa Ingenio Matemática (ref. C3-0146)
Participating institutions: Centre de Recerca Matemàtica
Main researcher: Dr. Frederic Utzet Civit
Number of researchers involved: 4
Duration, from: 01/2008 till: 12/2008 Amount funded: 6,000 euros

Project title: NOLISP'09, An ISCA Tutorial and Research Workshop on Non-Linear Speech Processing

Funded by: MICINN (ref. TEC2008-02717-E/TEC)
Participating institutions: Universitat de Vic
Main researcher: Dr. Jordi Solé-Casals
Number of researchers involved: 5
Duration, from: 03/2009 till: 12/2009 Amount funded: 7,100 euros

Project title: The Barcelona International Conference on Advances in Statistics (BAS2012)

Funded by: MICINN/MECO (ref. MTM2011-13724-E)
Participating institutions: Fundació Universitària Balmes – Universitat de Vic
Main researcher: Dr. Vladimir Zaiats Protchenko
Number of researchers involved: 4
Duration, from: 04/2012 till: 03/2013 Amount funded: 8,000 euros

Project title: Modelización con procesos estocásticos
[Modelling by Stochastic Processes]

Funded by: MECO (ref. MTM2012-31118)
Participating institutions: 5
Main researcher: Dr. Pedro Puig Casado (UAB)
Number of researchers involved: 18
Duration, from: 02/2013 till: 01/2016 Amount funded: 73,710 euros

Project title: Modelización Estadística de riesgos medioambientales, tecnológicos y de la salud
[Statistical Modelling of Environmental, Technological and Health Risks]

Funded by: MINECO/FEDER (ref. MTM2015-69493-R)

Participating institutions:5

Investigadores responsables: Dr. Pedro Puig Casado, Dr. Joan del Castillo Franquet (UAB)

Number of researchers involved: 18

Duration, from: 01/2016 till: 12/2018

Amount funded: 113,135 euros

Project title: Statistical Modelling of Extreme Events and Health Risks

Funded by: MINECO/FEDER (ref. RTI2018-096072-B-100)

Investigadores responsables: Dr. Pedro Puig Casado, Dr. Joan del Castillo Franquet (UAB)

Number of researchers involved: 9

Duration, from: 01/2019 till: 12/2022

Amount funded: 69,454 euros

Publications or Scientific-Technical Documents

(KEY: L = full book, CL = book chapter, A = article, R = review, E = editor, S = restricted Scientific-Technical document.)

Authors (as signed): V. V. Zaiats, R. V. Yakirin
Title: Estimación de los valores posibles de una variable aleatoria por una muestra (Russian)
Ref. journal / Book: Metrologiya (Metrology) ISSN 0132-4713
Key: A Volume: Pages, first: 3 last: 6 Date: 1984
Editorial (if book): Place of publication: Moscow

Authors (as signed): V. V. Zaiats
Title: Un estadístico del tipo de Grenander-Rosenblatt para muestras de gran tamaño (Russian)
[A Grenander-Rosenblatt type statistic for samples of big size]
Ref. journal / Book: Aplicaciones de los métodos analíticos en problemas probabilísticos (Russian)
[Application of Analytical Methods in Probability Problems]
Key: A Volume: Pages, first: 48 last: 51 Date: 1986
Editorial (if book): Institute of Mathematics Place of publication: Kyiv

Authors (as signed): V. V. Zaiats
Title: Estadísticos del tipo de Grenander-Rosenblatt con un "tapering" temporal (Russian)
[Grenander-Rosenblatt type statistics with time windows]
Ref. journal / Book: Métodos asintóticos para la investigación de los modelos estocásticos (Russian)
[Asymptotic Methods for Investigation of Stochastic Models]
Key: A Volume: Pages, first: 67 last: 80 Date: 1987
Editorial (if book): Institute of Mathematics Place of publication: Kyiv

Authors (as signed): V. V. Zaiats
Title:
Ref. journal / Book: Métodos de suavización de los datos empíricos (Russian)
[Methods of Smoothing of Empirical Data]
Key: L Volume: Pages, first: 1 last: 20 Date: 1987
Editorial (if book): Znanie [Knowledge] Place of publication: Kyiv

Authors (as signed): V. V. Zaiats
Title: Una aplicación de los teoremas de comparación en un problema de la estadística matemática (Russian)
[The use of comparison theorems in a problem in mathematical statistics]
Ref. journal / Book: Métodos analíticos para la investigación de las evoluciones de los sistemas estocásticos (Russian)
[Analytical Methods in Investigation of Evolutions of Stochastic Systems]
Key: A Volume: Pages, first: 30 last: 39 Date: 1989
Editorial (if book): Institute of Mathematics Place of publication: Kyiv

Authors (as signed): V. V. Zaiats
Title: Una función de correlación es estrictamente positiva definida (Russian)
[A correlation function is strictly positive definite]
Ref. journal / Book: Sistemas estocásticos y aplicaciones (Russian)
[Stochastic Systems and Applications]
Key: A Volume: Pages, first: 51 last: 55 Date: 1990
Editorial (if book): Institute of Mathematics Place of publication: Kyiv

Authors (as signed): V. V. Zaiats
Title: L_2 -estimadores de la función de correlación sobre todo el conjunto paramétrico y aplicaciones (Russian)
[L_2 -estimators of the correlation function over the whole parametric set and applications]
Ref. journal / Book: Doklady Akad. Nauk. Ukrain. SSR (Communications of the Academy of Sciences of Ukraine) Ser. A
Key: A Volume: 2 Pages, first: 6 last: 9 Date: 1990

Editorial (if book): Place of publication: Kyiv

Authors (as signed): V. V. Zaiats

Title: Un teorema del límite para un estimador de la función de correlación (Russian)

[A limit theorem for an estimate of the correlation function]

Ref. journal / Book: Problemas asintóticos y aplicados en la teoría de las evoluciones estocásticas (Russian)

[Asymptotic and Applied Problems in the Theory of Stochastic Evolutions]

Key: A Volume: Pages, first: 49 last: 56 Date: 1990

Editorial (if book): Institute of Mathematics Place of publication: Kyiv

Authors (as signed): V.V. Buldygin, V. V. Zaiats

Title: Una desigualdad de comparación para los procesos estocásticos gaussianos y sus aplicaciones (Russian)

[A comparison equality for Gaussian stochastic processes and its applications]

Ref. journal / Book: Doklady Akad. Nauk Ukrain. SSR (Communications of the Academy of Sciences of Ukraine) Ser. A

Key: A Volume: 10 Pages, first: 9 last: 11 Date: 1990

Editorial (if book): Place of publication: Kyiv

Authors (as signed): V. V. Zaiats

Title: A CLT in a Hilbert space and correlation function estimates over the whole parametric space

Ref. journal / Book: Limit Theorems in Probability and Statistics. Berkes, I; Csaki, E; Revesz, P (eds.)

Colloq. Math. Soc. János Bolyai

Key: A Volume: 57 Pages, first: 545 last: 556 Date: 1990

Editorial (if book): Elsevier Science Publications BV Place of publication: Amsterdam

ISBN: 0-444-98758-4

Authors (as signed): V. V. Zaiats

Title: Estimates of correlation functions of homogeneous Gaussian random fields over the whole parametric set

Ref. journal / Book: Theory Probab. Math. Statistics

Key: A Volume: 45 Pages, first: 17 last: 22 Date: 1991

Editorial (if book): Place of publication:

Authors (as signed): V. V. Buldygin, V. V. Zaiats

Title: Asymptotic properties of the correlation estimators in functional spaces. I

Ref. journal / Book: Ukrainian Math. J.

Key: A Volume: 43 Pages, first: 154 last: 161 Date: 1992

Editorial (if book): Place of publication:

Authors (as signed): V. Buldygin, V. Zaiats

Title: Estimation of correlation-function and its derivatives over the whole parametric set

Ref. journal / Book: Information Theory, Statistical Decision Functions, Random Processes, Vols. A and B

Key: A Volume: A Pages, first: A-315 last: A-321 Date: 1992

Editorial (if book): Kluwer Academic Publishers Place of publication: Dordrecht

ISBN: 0-7923-1120-5

Authors (as signed): V. V. Buldygin, V. V. Zaiats

Title: Comparison theorems and the asymptotic behaviour of the correlation estimates in spaces of continuous functions. I

I

Ref. journal / Book: Ukrainian Math. J.

Key: A Volume: 43 Pages, first: 444 last: 451 Date: 1992

Editorial (if book): Place of publication:

Authors (as signed): V. V. Buldygin, V. V. Zaiats

Title: Comparison theorems and the asymptotic behaviour of the correlation estimates in spaces of continuous functions. II

II

Ref. journal / Book: Ukrainian Math. J.

Key: A Volume: 43 Pages, first: 535 last: 539 Date: 1992

Editorial (if book): _____ Place of publication: _____
Authors (as signed): V. V. Buldygin, V. V. Zaiats
Title: Asymptotic normality of estimators of the correlation function of a stationary Gaussian process in spaces of continuous functions
Ref. journal / Book: Ukrainian Math. J.
Key: A Volume: 47 Pages, first: 1696 last: 1711 Date: 1995
Editorial (if book): _____ Place of publication: _____

Authors (as signed): V. Zaiats, M.L.Calle, R. Presas
Title: Probabilitat i Estadística. Exercicis I (Catalan)
Ref. journal / Book: _____
Key: L Volume: _____ Pages, first: 1 last: 299 Date: 1998
Editorial (if book): Eumo Place of publication: Vic (Barcelona)
ISBN 84-7602-568-8

Authors (as signed): V. Zaiats
Title: Summa de l'Art d'Aritmètica (Catalan)
Ref. journal / Book: Notícies de la Societat Catalana de Matemàtiques
Key: A/R Volume: 10 Pages, first: 17 last: 19 Date: 1999
Editorial (if book): _____ Place of publication: _____

Authors (as signed): V. Buldygin, V. Zaiats
Title: A global asymptotic normality of the sample correlogram of a stationary Gaussian process
DOI: 10.1515/rose.1999.7.2.109
Ref. journal / Book: Random Operators and Stochastic Equations
Key: A Volume: 7 Pages, first: 109 last: 132 Date: 1999
Editorial (if book): _____ Place of publication: _____

Authors (as signed): V. Buldygin, V. Zaiats
Title: Some properties of integrals with circularly hooked arguments
Ref. journal / Book: Dopovidi NAN Ukraïni (Communications of the National Academy of Sciences of Ukraine)
Key: A Volume: 4 Pages, first: 16 last: 20 Date: 1999
Editorial (if book): _____ Place of publication: Kyiv

Authors (as signed): V. Buldygin, F. Utzet, V. Zaiats
Title: On statistical estimation of the response function of a continuous bilinear Volterra system after discrete observations
Ref. journal / Book: Theory of Stochastic Processes
Key: A Volume: 5 Pages, first: 29 last: 39 Date: 1999
Editorial (if book): _____ Place of publication: _____

Authors (as signed): V. Buldygin, V. Zaiats
Title: A central limit theorem for cross-correlograms of a Gaussian process in the series scheme
Ref. journal / Book: Dopovidi NAN Ukraïni (Comunicaciones de la Academia Nacional de Ciencias de Ukraine)
Key: A Volume: 1 Pages, first: 15 last: 19 Date: 2000
Editorial (if book): _____ Place of publication: Kyiv

Authors (as signed): V. Buldygin, F. Utzet, V. Zaiats
Title: On third-order input-output sample moment functions in bilinear Volterra systems
Ref. journal / Book: Dopovidi NAN Ukraïni (Communications of the National Academy of Sciences of Ukraine)
Key: A Volume: 4 Pages, first: 38 last: 42 Date: 2000
Editorial (if book): _____ Place of publication: Kyiv

Authors (as signed): V. Zaiats, M. L. Calle, R. Presas
Title: Probabilitat i Estadística. Exercicis I (Catalan), 2nd ed.
Ref. journal / Book:
Key: L Volume: Pages, first: 1 last: 299 Date: 2001
Editorial (if book): Servei de publicacions de la UAB Place of publication: Bellaterra (Barcelona)
ISBN 84-490-2259-2

Authors (as signed): V. Zaiats, M. L. Calle
Title: Probabilitat i Estadística. Exercicis II (Catalan)
Ref. journal / Book:
Key: L Volume: Pages, first: 1 last: 283 Date: 2001
Editorial (if book): Servei de publicacions de la UAB Place of publication: Bellaterra (Barcelona)
ISBN 84-490-2263-0

Authors (as signed): V. Zaiats
Title: Brian S. Everitt. Chance rules: An informal guide to probability, risk, and statistics (Catalan).
Ref. journal / Book: SCM/Notícies
Key: R Volume: 16 Pages, first: 34 last: 36 Date: 2001
Editorial (if book): Place of publication: Barcelona

Authors (as signed): V. Buldygin, F. Utzet, V. Zaiats
Title: A note on the application of integrals involving cyclic products of kernels
Ref. journal / Book: Qüestió
Key: A Volume: 26 Pages, first: 3 last: 14 Date: 2002
Editorial (if book): Place of publication: Barcelona

Authors (as signed): V. Buldygin, F. Utzet, V. Zaiats
Title: Asymptotic normality of cross-correlogram estimates of the response function
Ref. journal / Book: Statistical Inference for Stochastic Processes
Key: A Volume: 7 Pages, first: 1 last: 34 Date: 2004
Editorial (if book): Place of publication: Dordrecht
DOI: 10.1023/B:SISP.0000016454.89610.35

Authors (as signed): Ricard Giramé, Joan-Isidre Badell, Vladimir Zaiats, Laia Muñoz
Title: Estudio sobre la inserción laboral de los diplomados en Información y Documentación por la Universitat de Vic
Ref. journal / Book: Correo Bibliotecario
Key: R Volume: 84 Pages, first: last: Date: 2005
Editorial (if book): Place of publication: Madrid
URL: http://www.bcl.jcyl.es/CORREO/plantilla_seccion.php?id_articulo=1241&id_seccion=4&RsCorreoNum=84

Authors (as signed): Vladimir Zaiats (ed.)
Title: 2008 Barcelona Conference on Asymptotic Statistics
Ref. journal / Book:
Key: E, L Volume: Pages, first: 1 last: 130 Date: 2008
Editorial (if book): Centre de Recerca Matemàtica Place of publication: Bellaterra (Barcelona)

Authors (as signed): Jordi Solé-Casals, Vladimir Zaiats (eds.)
Title: An ISCA Tutorial and Research Workshop on Non-Linear Speech Processing. Programme and Abstracts
Ref. journal / Book:
Key: E, L Volume: Pages, first: 1 last: 204 Date: 2009
Editorial (if book): Universitat de Vic Place of publication: Vic (Barcelona)
ISBN: 978-84-936186-8-1

Authors (as signed): Vladimir Zaiats, Jordi Solé-Casals
Title: On cumulant techniques in speech processing
Ref. journal / Book: An ISCA Tutorial and Research Workshop on Non-Linear Speech Processing. Programme and Abstracts. J.Solé-Casals, V.Zaiats (eds.)
Key: A Volume: Pages, first: 193 last: 197 Date: 2009
Editorial (if book): Universitat de Vic Place of publication: Vic (Barcelona)
ISBN: 978-84-936186-8-1

Authors (as signed): Jordi Solé-Casals, Vladimir Zaiats (eds.)
Title: Advances in Nonlinear Speech Processing
Ref. journal / Book: International Conference on Nonlinear Speech Processing, NOLISP 2009, Vic, Spain, June 2009, Revised Selected Papers. Lecture Notes in Artificial Intelligence, vol. 5933
Key: E, L Volume: Pages, first: 1 last: 199 Date: 2010
Editorial (if book): Springer-Verlag Place of publication: Berlin Heidelberg
ISBN: 978-3-642-11508-0, 978-3-642-11509-7 (eBook)

Authors (as signed): Jordi Solé-Casals, Pere Martí-Puig, Ramon Reig-Bolaño, Vladimir Zaiats
Title: Score function for voice detection activity
Ref. journal / Book: Advances in Nonlinear Speech Processing, J.Solé-Casals, V.Zaiats (eds.), Lecture Notes in Artificial Intelligence, vol. 5933, ISBN: 978-3-642-11508-0, 978-3-642-11509-7 (eBook)
Key: A Volume: Pages, first: 76 last: 83 Date: 2010
Editorial (if book): Springer-Verlag Place of publication: Berlin Heidelberg
DOI: 10.1007/978-3-642-11509-7_10

Authors (as signed): Ramon Reig-Bolaño, Pere Martí-Puig, Jordi Solé-Casals, Vladimir Zaiats, Vicenç Parisi
Title: Coding of biosignals using the discrete wavelet decomposition
Ref. journal / Book: Advances in Nonlinear Speech Processing, J.Solé-Casals, V.Zaiats (eds.), Lecture Notes in Artificial Intelligence, vol. 5933, ISBN: 978-3-642-11508-0, 978-3-642-11509-7 (eBook)
Key: A Volume: Pages, first: 144 last: 151 Date: 2010
Editorial (if book): Springer-Verlag Place of publication: Berlin Heidelberg

Authors (as signed): Pere Martí-Puig, Jordi Solé-Casals, Ramon Reig-Bolaño, Vladimir Zaiats
Title: Mathematical morphology preprocessing to mitigate AWGN effects: improving pitch tracking performance in hard noise conditions
Ref. journal / Book: Advances in Nonlinear Speech Processing, J.Solé-Casals, V.Zaiats (eds.), Lecture Notes in Artificial Intelligence, vol. 5933, ISBN: 978-3-642-11508-0, 978-3-642-11509-7 (eBook)
Key: A Volume: Pages, first: 163 last: 170 Date: 2010
Editorial (if book): Springer-Verlag Place of publication: Berlin Heidelberg

Authors (as signed): Vladimir Zaiats, Jordi Solé-Casals, Pere Martí-Puig, Ramon Reig-Bolaño
Title: Applications of cumulants in speech processing
Ref. journal / Book: Advances in Nonlinear Speech Processing, J.Solé-Casals, V.Zaiats (eds.), Lecture Notes in Artificial Intelligence, vol. 5933, ISBN: 978-3-642-11508-0, 978-3-642-11509-7 (eBook)
Key: A Volume: Pages, first: 178 last: 183 Date: 2010
Editorial (if book): Springer-Verlag Place of publication: Berlin Heidelberg

Authors (as signed): Jordi Solé-Casals, Vladimir Zaiats
Title: A non-linear VAD for noisy environments
Ref. journal / Book: Cognitive Computation
Key: A Volume: 2 Pages, first: 191 last: 198 Date: 2010
Editorial (if book): Place of publication:
DOI 10.1007/s12559-010-9037-4

Authors (as signed): Jordi Solé-Casals, Enric Monte-Moreno, Vladimir Zaiats
Title: Non-linear and Non-conventional speech processing: alternative techniques
Ref. journal / Book: Cognitive Computation
Key: A Volume: 2 Pages, first: 133 last: 134 Date: 2010
Editorial (if book): Place of publication:
DOI 10.1007/s12559-010-9070-3

Authors (as signed): Vladimir Zaiats (ed.)
Title: The Barcelona International Conference on Advances in Statistics, Barcelona, June 18-22, 2012, Abstracts of communications (paperback)
Ref. journal / Book:
Key: L Volume: Pages, first: 1 last: 116 Date: 2012
Editorial (if book): Servei de Publicacions de la UVIC Place of publication: Vic (Barcelona)
ISBN 978-84-940081-2-2

Authors (as signed): Vladimir Zaiats (ed.)
Title: The Barcelona International Conference on Advances in Statistics, Barcelona, June 18-22, 2012, Abstracts of communications (electronic)
Ref. journal / Book:
Key: L Volume: Pages, first: 1 last: 116 Date: 2012
Editorial (if book): Servei de Publicacions de la UVIC Place of publication: Vic (Barcelona)
ISBN 978-84-940081-5-3

Authors (as signed): Skiadas, Christos H.; Valderrama, Mariano; Zaiats, Vladimir
Title: Editorial
Ref. journal / Book: Methodology and Computing in Applied Probability
Key: A Volume: 17 Pages, first: 843 last: 845 Date: 12-2015
Editorial (if book): Springer Place of publication: New York
DOI: 10.1007/s11009-015-9452-9 URL: <http://dx.doi.org/10.1007/s11009-015-9452-9>

Authors (as signed): Skiadas, Christos H.; Valderrama, Mariano; Zaiats, Vladimir (guest editors)
Title: Special Issue: ASMDA 2011 and 2013
Ref. journal / Book: Methodology and Computing in Applied Probability
Key: A Volume: 17 Pages, first: 843 last: 1055 Date: 12-2015
Editorial (if book): Springer Place of publication: New York
ISSN: 1387-5841 (Print) 1573-7713 (Online)

Authors (as signed): Irina Blazhievskaya, Vladimir Zaiats
Title: Estimation of impulse response functions in two-output systems
Ref. journal / Book: Communications in Statistics. Theory and Methods ISSN: 0361-0926 (Print) 1532-415X (Online)
Key: A Volume: 49 Pages, first: 257 last: 280 Date: 16-11-2018 (online) 01-2020 (paperback)
Editorial (if book): Taylor & Francis Place of publication: London
DOI: [10.1080/03610926.2018.1536210](https://doi.org/10.1080/03610926.2018.1536210)

Authors (as signed): A. M. Samoilenko, O. M. Sharkovsky, M. Misiurewicz, L. Snoha, A. A. Boichuk, V. V. Zaiats, A. F. Ivanov, M. V. Pratsiovytyi, E. Y. Romanenko, A. Sivak, V. I. Tkachenko, and S. I. Trofimchuk
Title: Serhii Fedorovych Kolyada (obituary)
Ref. journal / Book: Nonlinear Oscillations ISSN: 1562-3076
Key: A Volume: 21 Pages, first: 431 last: 432 Date: 09-2018
Editorial (if book): Institute of Mathematics Place of publication: Kyiv

Authors (as signed): Irina Blazhievskaya, Vladimir Zaiats
Title: On cross-correlogram IRF's estimators of two-output systems in spaces of continuous functions
Ref. journal / Book: [arXiv:1903.06446](https://arxiv.org/abs/1903.06446)
Key: A Volume: Pages, first: last: Date: 15-03-2019 (online)

Authors (as signed): Irina Blazhievskaya, Vladimir Zaiats
Title: On cross-correlogram IRF's estimators of two-output systems in spaces of continuous functions
Ref. journal / Book: Communications in Statistics. Theory and Methods ISSN: 0361-0926 (Print) 1532-415X (Online)
Key: A Volume: Pages, first: last: Date: Published online 2020-03-18
DOI: [10.1080/03610926.2020.1738490](https://doi.org/10.1080/03610926.2020.1738490)

- In addition to the above-mentioned publications, 115 reviews have been published in *Mathematical Reviews*, see www.ams.org/mathscinet

Stays at International Centers
(continuous stays of at least one month)

KEY: D = doctoral, P = postdoctoral, I = invited, C = contracted, O = other (specify).

Center: Centre de Recerca Matemàtica
Venue: Bellaterra (Barcelona) Country: Spain Date: 10/1991-9/1992 Duration: (weeks) 52
Tema: Statistics Key: P

Remark: This center was external with respect to my home country (Ukraine) where I has been working when the grant was awarded to me

Center: Université du Maine
Venue: Le Mans Country: France Date: 2010 Duration: (weeks) 4,5
Tema: Statistics Key: I

Contributions to Scientific Events (conferences, workshops, etc.)

Authors: V. Zaiats
Title: A statistic of Grenander-Rosenblatt type for samples of large size
Type of contribution: contributed talk
Event: Methods and software for information processing
Venue: Minsk (Bielorussia, U.S.S.R.)
Date: 1985-10

Authors: V. Zaiats
Title: On statistics of Grenander-Rosenblatt type
Type of contribution: contributed talk
Event: XXI School-Colloquium on Probability Theory and Mathematical Statistics
Venue: Bakuriani (Georgia, U.S.S.R.)
Date: 1987-02/03

Authors: V. Zaiats
Title: A Grenander-Rosemblatt type statistic with time window
Type of contribution: contributed talk
Event: Statistical and Applied Analysis of Time Series
Venue: Minsk (Bielorussia, U.S.S.R.)
Date: 1987-11

Authors: V. Zaiats
Title: Estimates of the correlation function of a Gaussian stochastic process
Type of contribution: contributed talk
Event: Republican Scientific-Practical Conference of Creative Youth "Modern Problems in Informatics: Software, Mathematical and Computer Support"
Publication: Abstracts, p. 24
Venue: Minsk (Bielorussia, U.S.S.R.)
Date: 1988-05

Authors: V. Zaiats
Title: Application of Grenander-Rosenblatt type statistics in estimation of the spectral density
Type of contribution: contributed talk
Event: Analysis of Time Series and Their Applications
Publication: Abstracts
Venue: L'viv (Ukraine, U.S.S.R.)
Date: 1988-06

Authors: V. Zaiats
Title: Application of comparison theorems in some problems of mathematical statistics
Type of contribution: contributed talk
Event: VI International Summer School on Probability and Mathematical Statistics
Venue: Varna (Bulgaria)
Date: 1988-09/10

Authors: V. Zaiats
Title: Estimation of the correlation function in the series scheme
Type of contribution: contributed talk
Event: V International Vilnius Conference on Probability and Statistics
Publication: Abstracts
Venue: Vilnius (Lithuania)
Date: 1989-06

Authors: V. Zaiats
Title: A CLT in a Hilbert space and correlation function estimates over the whole parametric space
Type of contribution: contributed talk
Event: 3rd Hungarian Colloquium on Limit Theorems in Probability and Statistics
Publication: Proceedings, pp. 545—556, Elsevier Science Publ BV, 1990. ISBN: 0-444-98758-4
Venue: Pécs (Hungary) Date: 1989-06/07

Authors: V. Buldygin, V. Zaiats
Title: Estimation of the correlation function in functional spaces
Type of contribution: contributed talk
Event: Conference Dedicated to the 70th Anniversary of Birth of Prof. Dr. S. Kh. Sirazhdinov
Venue: Tashkent (Uzbekistan, U.S.S.R.) Date: 1990-05

Authors: V. Buldygin, V. Zaiats
Title: Estimation of correlation function and its derivatives over the whole parametric set
Type of contribution: contributed talk
Event: 11th Prague Conference on Information Theory, Statistical Decision Functions and Random Processes
Publication: Transactions, pp. A315-A321, Kluwer, Dordrecht, 1992. ISBN: 0-7923-1120-5
Venue: Prague (Czechoslovakia) Date: 1990-08

Authors: V. Buldygin, V. Zaiats
Title: Asymptotic normality of an estimate of the correlation function in different functional spaces
Type of contribution: contributed talk
Event: 6th USSR-Japan Symposium on Probability Theory and Mathematical Statistics
Publication: Proceedings, "Probability Theory and Math. Statistics", pp.19-31, World Scientific, Singapore, 1992
Venue: Kyiv (Ukraine, U.S.S.R.) Date: 1991-08

Authors: V. Buldygin, V. Zaiats
Title: Estimates of the correlation function of a Gaussian process over the whole parametric set
Type of contribution: **invited talk**
Event: European Meeting of Young Statisticians
Venue: Oberwolfach (Germany) Date: 1991-08

Authors: V. Buldygin, V. Zaiats
Title: Estimating the derivatives of the correlation function of a Gaussian random field over the whole parametric set
Type of contribution: contributed talk
Event: Probastat'91
Publication: Proceedings, pp. 319-322, Slovak Academy of Sciences, Bratislava, 1992
Venue: Bratislava (Slovakia) Date: 1991-08

Authors: V. Zaiats
Title: Correlation estimation in functional spaces over the whole parametric set
Type of contribution: contributed talk
Event: 3rd European Symposium on Probability and Statistics
Venue: Paris (France) Date: 1992-01

Authors: V. Zaiats
Title: Estimation of the correlation function in functional spaces
Type of contribution: contributed talk
Event: International Conference on Statistics in the Basque Country

Publication: Abstracts
Venue: San Sebastián (Spain) Date: 1992-08

Authors: V. Zaiats
Title: Estimation of the correlation function of a stationary Gaussian process
Type of contribution: contributed talk
Event: Barcelona meeting of the 7th International Conference on Multivariate Analysis
Venue: Barcelona Date: 1992-09

Authors: V. Zaiats
Title: Estimating the correlation functions and its derivatives
Type of contribution: contributed talk
Event: Delhi meeting of the 7th International Conference on Multivariate Analysis
Venue: Delhi (India) Date: 1992-12

Authors: V. Zaiats
Title: Nonparametric estimation of the correlation function in functional spaces
Type of contribution: contributed talk
Event: 22nd International Conference on Stochastic Processes and Their Applications
Publication: Abstracts
Venue: Amsterdam (The Netherlands) Date: 1993-07

Authors: V. Zaiats
Title: Estimation of the correlation function of a random field
Type of contribution: contributed talk
Event: 6th Vilnius International Conference on Probability Theory and Mathematical Statistics
Publication: Abstracts
Venue: Vilnius (Lithuania) Date: 1993-07

Authors: V. Zaiats
Title: Nonparametric estimation of the correlation function in functional spaces
Type of contribution: contributed talk
Event: International Conference on Applications of Time Series Analysis in Astronomy and Meteorology
Publication: SM Legatoria, Padova, 1993, pp. 123--25.
Venue: Padova (Italia) Date: 1993-09

Authors: V. V. Buldygin, V. V. Zaiats
Title: Asymptotic normality of the empiric correlogram of a Gaussian process in the space of continuous functions
Type of contribution: contributed talk
Event: 12th International Conference on Information Theory, Statistical Decision Functions and Stochastic Processes
Publication: Transactions, pp. 39-41.
Venue: Prague (Czech Republic) Date: 1994-08

Authors: V. V. Buldygin, V. V. Zaiats
Title: Estimation of the correlation function in Gaussian processes
Type of contribution: contributed talk
Event: 4th World Congress of the Bernoulli Society
Publication: Abstracts

Venue: Vienna (Austria)

Date: 1996-08

Authors: V. Buldygin, V. Zaiats

Title: Asymptotic normality of the sample correlogram of a stationary Gaussian process

Type of contribution: contributed talk

Event: ISI-Satellite meeting "Mathematical Statistics and Its Applications to Biosciences"

Publication: Abstracts

Venue: Rostock (Germany)

Date: 1997-08/09

Authors: V. Buldygin, V. Zaiats

Title: Estimation of the response function of a linear Volterra system

Type of contribution: contributed talk

Event: 7th Vilnius Conference on Probability Theory and Mathematical Statistics and 22nd European Meeting of Statisticians

Publication: Abstracts

Venue: Vilnius (Lithuania)

Date: 1998-08

Authors: V. Buldygin, F. Utzet, V. Zaiats

Title: Cross-correlogram estimates of the response function in linear and bilinear Volterra systems

Type of contribution: **invited talk**

Event: Prague Stochastics'98

Publication: Proceedings, vol. 1, pp. 61--66, Union of Czech Mathematicians and Physicists, Prague, 1998

Venue: Prague (Republika Checa)

Date: 1998-08

Authors: V. Zaiats

Title: Statistical inference for Volterra systems

Type of contribution: **invited talk**

Event: Statistique Asymptotique des Processus Stochastiques II

Publication: Abstracts

Venue: Le Mans (France)

Date: 1998-12

Authors: V. Buldygin, V. Zaiats

Title: An asymptotic behaviour of cross-correlogram estimates of the response function

Type of contribution: contributed talk

Event: 4th Hungarian Colloquium on Limit Theorems of Probability and Statistics

Publication: Abstracts

Venue: Balatonlelle (Hungary)

Date: 1999-06/07

Authors: V. Buldygin, F. Utzet, V. Zaiats

Title: On statistical estimation of the response function of a continuous bilinear Volterra system after discrete observations

Type of contribution: **invited talk**

Event: Third Ukrainian-Scandinavian Conference in Probability Theory and Mathematical Statistics

Publication: Theory Stoch. Process, vol. 5 (1999), no. 3-4, pp. 29—39.

Venue: Kyiv (Ukraine)

Date: 1999-07

Authors: V. Buldygin, V. Zaiats

Title: Application of cross-correlogram estimators to the identification of Volterra systems

Type of contribution: contributed talk

Event: 4° Conference of SGAPEIO

Publication: Proceedings, pp. 151-154

Venue: Santiago de Compostela (Spain)

Date: 1999-11

Authors: V. Buldygin, V. Zaiats

Title: Cross-correlogram techniques in the estimation of the response function

Type of contribution: **invited talk**

Event: International Conference on Stochastic Processes

Publication: Abstracts, pp. 19-20

Venue: Cochin (India)

Date: 1999-12

Authors: V. Buldygin, F. Utzet, V. Zaiats

Title: Integrals with circularly hooking arguments and their applications to the problems in statistics of random processes

Type of contribution: poster

Event: 3rd European Congress of Mathematicians

Publication:

Venue: Barcelona (Spain)

Date: 2000-07

Authors: V. Buldygin, F. Utzet, V. Zaiats

Title: Asymptotic normality of cross-correlogram estimates of the response function

Type of contribution: **invited talk**

Event: Statistique Asymptotique des Processus Stochastiques III

Publication:

Venue: Le Mans (France)

Date: 2000-12

Authors: V. Buldygin, F. Utzet, V. Zaiats

Title: Integrals involving cyclic products of kernels and asymptotic normality of cross-correlogram estimates of the response function

Type of contribution: **invited talk**

Event: Ukrainian Congress of Mathematics

Publication: Ukrainian Congress of Mathematics – 2001. Papers from the congress held in Kyiv, August 21-23, 2001. Section 9. Probability Theory and Mathematical Statistics. Natsional'na Akademiya Nauk Ukraïny, Institute of Mathematics, Kyiv, 2002, pp. 13-37. ISBN: 966-02-2616-0.

Venue: Kyiv (Ukraine)

Date: 2001-08

Authors: V. Buldygin, F. Utzet, V. Zaiats

Title: Application of techniques related to integrals involving a cyclic product of kernels to statistics of stochastic processes

Type of contribution: contributed talk

Event: 5^o Conference of SGAPEIO

Venue: Ferrol (Spain)

Date: 2001-09

Authors: V. Buldygin, F. Utzet, V. Zaiats

Title: Cumulants of sample correlograms of a stationary Gaussian time series

Type of contribution: contributed talk

Event: CDAM 2001 Computer Data Analysis and Modeling: Robustness and computer intensive methods.

Publication: Proceedings of the 6th international conference, Minsk, Belarus, September 10-14, 2001. Vol. 1. Minsk: Belarusian State Univ., National Research Center for Applied Problems of Mathematics and Informatics; Belarussian Republican Foundation for Fundamental Research; Belarussian Statistical Association; 985-445-490-8 (vol. 1), pp. 85-90 (2001).

Venue: Minsk (Belarus)

Date: 2001-09

Authors: V. Zaiats
Title: Parametric inference for the correlation function
Type of contribution: contributed talk
Event: International Gnedenko Conference
Venue: Kyïv (Ukraine) Date: 2002-06

Authors: V. Zaiats
Title: Estimation of the response function under random sampling
Type of contribution: **invited talk**
Event: International Conference on Stochastic Modelling
Publication: Abstracts
Venue: Cochin (India) Date: 12-2002

Authors: V. Zaiats
Title: Estimation of the response function under random sampling
Type of contribution: contributed talk
Event: Kolmogorov and Contemporary Mathematics
Venue: Moscow (Russia) Date: 06-2003

Authors: V. Zaiats
Title: Random sampling in the estimation of functional characteristics of stochastic processes
Type of contribution: **special contributed talk (1 hour)**
Event: Barcelona Conference on Asymptotic Statistics (BAS2003)
Publication: Abstracts
Venue: Bellaterra (Barcelona) Date: 09-2003

Authors: V. Zaiats
Title: Estimation of the response function in linear and nonlinear systems
Type of contribution: contributed talk
Event: 6th World Congress of the Bernoulli Society for Probability Theory and Mathematical Statistics
Publication: Abstracts, pp. 204-205.
Venue: Barcelona Date: 07-2004

Authors: V. Zaiats
Title: Application of an irregular sampling in the estimation of functional characteristics of stochastic processes: ideas and tools
Type of contribution: **invited talk**
Event: Recontres de Statistiques Mathématiques 4
Publication:
Venue: CIRM, Luminy (France) Date: 12-2004

Authors: V. Zaiats
Title: Irregular sampling in estimation of the response function
Type of contribution: **invited talk**
Event: Statistique Asymptotique des Processus Stochastiques V
Publication: <http://www.univ-lemans.fr/sciences/statist/liens/activites/Workshop/saps5/program.html>
Venue: Le Mans (France) Date: 01-2005

Authors: R. Giramé, J.-I. Badell, V. Zaiats
Title: Estudio sobre la inserción laboral de los diplomados en Información y Documentación por la Universitat de Vic

Type of contribution: póster
Event: 9^{as} Jornadas Españolas de Documentación (FESABID 2005)
Publication: http://www.fesabid.org/madrid2005/pages/com_normpres.htm
Venue: Madrid (Spain) Date: 04-2005

Authors: V. Zaiats
Title: Problems in statistical estimation of input-output systems
Type of contribution: contributed talk
Event: 26th European Meeting of Statisticians
Publication: <http://www.ems2006.umk.pl>
Venue: Torun (Poland) Date: 07-2006

Authors: V. Zaiats
Title: Recent results in statistical estimation
Type of contribution: **invited talk**
Event: Mathematical Takeoffs from Barcelona
Publication: <http://www.crm.cat>
Venue: Bellaterra (Barcelona) Date: 09-2006

Authors: V. Zaiats
Title: Statistical estimation of the response function
Type of contribution: contributed talk
Event: XXVIth International Seminar on Stability Problems for Stochastic Models
Publication: Abstracts
Venue: Nahariya (Israel) Date: 10-2007

Authors: V. Zaiats
Title: Integral representations for cumulants in different stochastic models and their application in asymptotic statistics
Type of contribution: **invited talk**
Event: International Workshop on Applied Probability (IWAP 2008)
Publication: Abstracts
Venue: Compiègne (France) Date: 07-2008

Authors: V. Zaiats (trabajo conjunto con J. Solé-Casals)
Title: Nonparametric statistical estimation using random sampling
Type of contribution: contributed talk
Event: Barcelona Conference on Asymptotic Statistics (BAS2008), <http://www.crm.cat>
Publication: Abstracts
Venue: Bellaterra (Barcelona) Date: 09-2008

Authors: Carlos M. Travieso, Jordi Solé-Casals, Vladimir Zaiats, Jesús B. Alonso, Miguel A. Ferrer
Title: Reducción del Vector de Características en Reconocimiento Facial
Type of contribution: contributed talk
Event: *XXIII Simposium Nacional de la Unión Científica Internacional de Radio URSI 2008*, Madrid 22 al 24 de septiembre de 2008
Publication: Abstracts, ISBN 978-84-612-6291-5, p. 164
Venue: Madrid Date: 09-2008

Authors: V. Zaiats
Title: Different approaches to statistical estimation of the response function

Type of contribution: **invited talk**
Event: Statistique Asymptotique des Processus Stochastiques VII
Publication: <http://subaru.univ-lemans.fr/sciences/statist/liens/activites/Workshop/saps7/program.html>
Venue: Le Mans, France
Date: 03-2009

Authors: V. Zaiats, J. Solé-Casals
Title: On cumulant techniques in Speech Processing
Type of contribution: contributed talk
Event: ISCA Tutorial and Research Workshop on Nonlinear Speech Processing (NOLISP'09), <http://nolisp2009.uvic.cat>
Publication: Proceedings, Post-Proceedings
Venue: Vic (Barcelona)
Date: 06-2009

Authors: V. Zaiats
Title: Irregular sampling in the estimation of transfer functions
Type of contribution: **invited talk**
Event: XIIIth International Conference "Applied Stochastic Models and Data Analysis" (ASMDA-2009), <http://www.mii.lt/asmda-2009/index.php?page.home.en>
Publication: Abstracts, p. 75. Vilnius, "Technika", 2009.
Venue: Vilnius, Lituania
Date: 06/07-2009

Authors: V. Zaiats
Title: Application of irregular sampling in statistics of stochastic processes
Type of contribution: **invited talk**
Event: International Conference "Stochastic Modeling Techniques and Data Analysis (SMTDA-2010)" <http://www.smta.net/>
Publication: Abstracts, p. 106, Technical University of Crete, 2010.
Venue: Chania, Greece
Date: 06-2010

Authors: V. Zaiats
Title: Application of irregular sampling in statistical models involving stochastic processes
Type of contribution: **invited talk**
Event: International conference "Modern Stochastics: Theory and Applications II" <http://probability.univ.Kyiv.ua/msta2conf/index.php>
Publication: Abstracts, p. 99, Taras Shevchenko National University of Kyiv, 2010.
Venue: Vilnius, Lituania
Date: 09-2010

Authors: V. Zaiats
Title: Some results on identification of partially observed systems
Type of contribution: **invited talk**
Event: Statistique Asymptotique des Processus Stochastiques VIII
Publication: <http://lmm.univ-lemans.fr/spip.php?rubrique15>
Venue: Le Mans, France
Date: 03-2011

Authors: V. Zaiats
Title: Modelling partially observed systems
Type of contribution: **invited talk**
Event: 14th International Conference "Applied Stochastic Models and Data Analysis" (ASMDA-2011), <http://asmda.eu>
Publication:
Venue: Roma, Italia
Date: 06-2011

Authors: V. Zaiats
Title: Statistical inference for partially observed systems
Type of contribution: poster
Event: International Workshop "Time Series: Models, Breaks and Applications", <http://ts-mba.math.kit.edu/>
Publication:
Venue: Karlsruhe (Germany) Date: 02-2012

Authors: V. Zaiats
Title: Modelling partially observed systems
Type of contribution: **conferencia magna (major talk)**
Event: 1r Event de Mecatrónica "Aplicaciones de la Mecatrónica en la Industria"
Venue: León, Guanajuato (Mexico) Date: 24-02-2012

Authors: V. Zaiats
Title: Integral representations for cumulants of bilinear forms with applications in statistics
Type of contribution: contributed talk
Event: The Barcelona International Conference on Advances in Statistics (BAS2012)
Publication: The Barcelona International Conference on Advances in Statistics, Barcelona, June 18-22, 2012, Abstracts of communications, ISBN 978-84-940081-2-2, pp.102-103.
Venue: Barcelona (Spain) Date: 21-06-2012

Authors: V. Zaiats
Title: Statistics of partially observed linear systems
Type of contribution: **invited talk**
Event: Modern Stochastics: Theory and Applications III <http://probability.univ.kyiv.ua/msta3conf/>
Publication: Abstracts, p. 94
Venue: Kyiv (Ukraine) Date: 13-09-2012

Authors: V. Zaiats
Title: Statistical inference in partially observed linear systems
Type of contribution: contributed talk
Event: 1st German-Polish Joint Conference on Probability and Mathematical Statistics
Publication: Abstracts, <http://www.gpps.umk.pl/>
Venue: Torun (Poland) Date: 06-2013

Authors: V. Zaiats
Title: Statistical inference for partially observed linear systems
Type of contribution: contributed talk
Event: 15th ASMDA Society International Conference, www.asmda.es
Publication: Abstracts of communications
Venue: Mataró (Barcelona), Spain Date: 06-2013

Authors: V. Zaiats
Title: On asymptotically efficient estimation in partially observed systems
Type of contribution: **invited talk**
Event: Statistique Asymptotique des Processus Stochastiques X
Publication: <http://lmm.univ-lemans.fr/files/saps10/20/Zaiats.pdf>
Venue: Le Mans (France) Date: 03-2015

Authors: V. Zaiats
Title: On asymptotically efficient estimation in partially observed systems
Type of contribution: **invited talk**
Event: International Conference on Probability, Reliability and Stochastic Optimization
Publication: http://probability.univ.Kyiv.ua/prestoconf/var/PRESTO_2015_main.pdf (p.49)
Venue: Kyiv, Ukraine
Date: 04-2015

Authors: V. Zaiats
Title: Revisiting Six Sigma: Its Advantages and Disadvantages
Type of contribution: **invited talk**
Event: International Symposium on Business and Industrial Statistics (<http://www2.stat.duke.edu/~banks/barcelona/>)
Publication: http://www.isbis-isi.org/doc/ISBIS2016_AbstractBook.pdf
Venue: Barcelona
Date: 06-2016

Authors: V. Zaiats
Title: Asymptotically efficient estimation in partially observed systems revisited
Type of contribution: **invited talk**
Event: Statistics Time : Advances in Statistics of Random Processes (<http://imagine.enpc.fr/~dalalyan/StatTime.html>)
Publication: <http://imagine.enpc.fr/~dalalyan/Download/Kutovants70program.pdf>
Venue: Le Mans, France
Date: 09-2016

Authors: V. Zaiats
Title: Asymptotically efficient statistical estimation in partially observed systems
Type of contribution: **invited talk**
Event: International Workshop "Limit Theorems in Probability Theory, Number Theory and Mathematical Statistics" (<http://matan.kpi.ua/en/workshop-october2016.html>)
Publication: <http://matan.kpi.ua/public/files/2016/1610-limthm/limthm2016-abstracts.pdf> (p. 56)
Venue: Kyiv, Ukraine
Date: 10-2016

Authors: V. Zaiats
Title: Asymptotically efficient statistical estimation in partially observed systems revisited
Type of contribution: poster
Event: 1st BGSMATH Data Science Workshop (<http://bgsmath.cat/1st-bgsmath-data-science/>)
Publication: <http://bgsmath.cat/wp-content/uploads/2017/01/Program1.pdf> (p. 18)
Venue: Barcelona
Date: 22-02-2017

Authors: V. Zaiats, I. Blazhievskaya
Title: New results on estimation of impulse response functions
Type of contribution: contributed talk
Event: International Conference "Stochastic Equations, Limit Theorems and Statistics of Stochastic Processes"
Venue: National Technical University of Ukraine, Kyiv (Ukraine)
Date: 09-2018

Authors: I. Blazhievskaya, V. Zaiats
Title: Properties of correlogram-based estimators in SIMO-systems
Type of contribution: contributed talk
Event: International Conference "Stochastic Equations, Limit Theorems and Statistics of Stochastic Processes"
Venue: National Technical University of Ukraine, Kyiv (Ukraine)
Date: 09-2018

Organising Experience in R+D activities

Organisation of conferences, seminars, workshops, etc.

Title: Ukrainian-Scandinavian Symposium on Branching Processes (Kyiv, Ukraine, U.S.S.R.)
Position: Member of the local organising committee
Type of event: Symposium Level of the event: International
Date: 1990-09

Title: International Summer School on Dynamical Systems (Katsively, Ukraine, U.S.S.R.)
Position: Member of the local organising committee
Type of event: Summer School Level of the event: International
Date: 1991-05

Title: 5th USSR--Japan Symposium on Probability Theory and Mathematical Statistics (Kyiv, Ukraine, U.S.S.R.)
Position: Academic Secretary of the Local Organising Committee
Type of event: Symposium Level of the event: International
Date: 1991-08

Title: 1er International Congress "Human Development" (Vic, Barcelona, Spain)
Position: Member of the Academic Secretariat
Type of event: Conference Level of the event: International
Date: 1999-05

Title: The Barcelona Conference on Asymptotic Statistics (Bellaterra, Barcelona, Spain)
Web: <http://www.crm.cat/conferences/antics/0304/bas2003/bas2003-home.htm>
Position: **Co-ordinator**, Member of the Scientific Committee, Member of the Organising Committee
Type of event: Conference Level of the event: International
Date: 2003-09

Title: Responsible of Area "Modelización y Estadística" del SART (Center de Technology Transfer of Universitat de Vic)
Position: Co-ordinator, Advisor
Type of event: Co-ordination and management of projects of technological transfer

Level of the event: National
Date: from 2003 to 2017

Title: Research Group "Signal Processing" of Universitat de Vic
Position: Co-Ordinador (1997-2002), Co-coordinador (2002-2009)
Type of event: Scientific Research Level of the event: International
Date: 1997-2009

Title: 9ª Trobada de la Societat Catalana de Matemàtiques (9º Encuentro de la Sociedad Catalana de Matemáticas),
Universitat de Vic (Barcelona) <http://www.iecat.net/institucio/societats/SCMatematiques/diversos/9trobada.html>
Position: Member of the Scientific Committee, Member of the local organising committee
Type of event: Scientific Workshop Level of the event: National
Date: 2006-04-22

Title: Mathematical Takeoffs from Barcelona, Centre de Recerca Matemàtica, Bellaterra (Barcelona) <http://www.crm.cat>
Position: **Co-Ordinador**
Type of event: Workshop Level of the event: International
Date: 2006-09-21/22

Title: The Barcelona Conference on Asymptotic Statistics (Bellaterra (Barcelona))
Web: <http://www.crm.cat/Activitats/Activitats/2008-2009/BAS2008/web-BAS2008/>
Position: **Co-Ordinador**, Member of the Scientific Committee, Member of the Organising Committee
Type of event: Conference Level of the event: International
Date: 2008-09

Title: Non-Linear Speech Processing (NOLISP'09)
Position: **Co-coordinador**, Member of the Scientific Committee, Member of the Organising Committee,
<http://nolisp2009.uvic.ca>
Type of event: Workshop Level of the event: International
Date: 2009

Title: International Conference "Stochastic Modeling Techniques and Data Analysis" (SMTDA-2010)
Web: <http://www.smta.net/>
Position: Member of the Scientific Committee
Type of event: Conference Level of the event: International
Date: 2010-06-08/11

Title: The Barcelona International Conference on Advances in Statistics (BAS2012)
Web: <http://jornades.uab.cat/bas/>
Position: **Co-Ordinador**, Member of the Scientific Committee, Member of the Organising Committee
Type of event: Conference Level of the event: International
Date: 2012-06-18/22

Title: Applied Stochastic Models and Data Analysis (ASMDA2013). The 15th Conference of the ASMDA International Society
Web: <http://www.asmda.es>
Position: **Co-Coordinator**, Member of the Scientific Committee, Member of the Organising Committee
Type of event: Conference Level of the event: International
Date: 2013-06-25/28

Title: Statistique Asymptotique des Processus Stochastiques X
Web: <http://mm.univ-lemans.fr/spip.php?article108>
Position: Member of the Organising Committee
Type of event: Conference Level of the event: International
Date: 2015-03-17/20

Title: Statistics Time: Advances in Statistics of Random Processes
Web: <http://imagine.enpc.fr/~dalalyan/StatTime.html>
Position: Member of the Organising Committee
Type of event: Conference Level of the event: International
Date: 2016-09-07/09

Title: International Workshop "Limit Theorems in Probability Theory, Number Theory and Mathematical Statistics"

Web: <http://matan.kpi.ua/en/workshop-october2016.html>

Position: Member of the Scientific Committee, Member of the Organising Committee

Type of event: Workshop

Level of the event: International

Date: 2016-10-10/12

Title: Research Stay of Dr. Iryna Blazhiiievaska at the Universitat Autònoma de Barcelona

Position: Scientific Supervisor

Type of event: Research within project MTM2015-69493-R "Statistical modelling of environmental, technological and health risks"

Level of the event: National

Date: from 02/2018 to 08/2018

Other relevant information
(use the space equivalent to one page only)

Accreditations of academic merits: 1) Accreditation of Aggregate Professor by AQU (Catalan Agency for University Quality). Date: 2003. 2) Accreditation of Research by AQU. Date: 2003. 3) Accreditation of Professor of Lecturer by AQU. Date: 2019. 4) Accreditation of Professor of Private University (UVIC) by AQU. Date: 2005.

Reviewer of research projects of the Ministerio de Ciencia, Innovación y Universidades.

Member of research groups Data and Signal Processing (emergent 2014 SGR 55, consolidated 2017 SGR 1348)

Scientific Supervisor of the research stay of Dr. Iryna Blazhiiivska at the Universitat Autònoma de Barcelona within the research project MTM2015-69493-R "Statistical modelling of environmental, technological and health risks" (February-August 2018)

Scientific Translations:

1. V. S. Korolyuk, A. F. Turbin. *Mathematical Foundations of the State Lumping of Large Systems*. Kluwer, Dordrecht, 1993, 278 pp. (translated from Russian into English by V. V. Zaiats and Yu. A. Atanov). ISBN 978-0-7923-2413-3
2. V. Korolyuk, A. Swishchuk. *Semi-Markov Random Evolutions*. Kluwer, Dordrecht, 1995, 310 pp. (translated from Russian into English by V. Zaiats). ISBN 978-94-011-1010-5
3. M. A. Lifshits. *Gaussian Random Functions*. Kluwer, Dordrecht, 1995, 333 pp. (translated from Russian into English by V. Zaiats). ISBN 978-94-015-8474-6
4. V. V. Buldygin, S. A. Solntsev. *Asymptotic Behaviour of Linearly Transformed Sums of Random Variables*. Kluwer, Dordrecht, 1997, 500 pp. (translated from Russian into English by V. Zaiats). ISBN 978-94-011-5568-7
5. V. V. Buldygin, Yu. V. Kozachenko. *Metric Characterization of Random Variables and Random Processes*. AMS, Providence, 2000, 257 pp. (translated from Russian into English by V. Zaiats). ISBN: 978-0-8218-0533-6
6. Yu. N. Lin'kov. *Lectures in Mathematical Statistics*. Parts 1 and 2. AMS, Providence, 2005, 321 pp., (translated from Russian into English by O. Klesov y V. Zaiats). ISBN: 978-0-8218-3732-0
7. A. Tsybakov. *Introduction to Nonparametric Estimation*. Springer, Berlin-New York, 2009, 225 pp., ISBN: 978-0-387-79051-0 (translated from French to English by V. Zaiats).

Other professional activities:

From 1994, reviewer of *Mathematical Reviews*, with 115 reviews published. **Ordinary member of:** Societat Catalana de Matemàtiques and Kyiv Mathematical Society. **Founding member of** Societat Catalana d'Estadística (SCE, 2010). **Member of the governing board of** SCE (2010-2013).

Member of the Editorial Advisory Committee of international journal SORT (Statistics and Operations Research Transactions), <http://www.idescat.cat/sort> (print ISSN 1696-2281, online ISSN 2013-8830), impact factor 1.125 (2018).

Has participated as **instructor/teacher** giving the following courses: ♦Escacs: ¿Un joc, un esport o una ciència? (Chess: A game, a sport, or a science?) 11,5 h. Summer University of Universitat de Vic. June 1999. ♦Data analysis with SPSS. Curso de formación profesional de profesorado, 20 h. Universitat de Vic, academic course 1999-2000. ♦Introduction to working with SPSS. Postgraduate Studies in Orthopedology, 4 h. Les Heures Foundation, Universitat de Barcelona, academic course 1999-2000. ♦Introduction to spectral analysis with SPSS, 10 h. Nicholas Copernicus University, Torun, Poland. April 2000. ♦Teaching statistics using statistical packages, 4 h, Silesian Technical University, Gliwice, Poland. June 2001. ♦Statistical analysis of data with SPSS, 6 h, Nicholas Copernicus University, Torun, Poland. April 2003. ♦Statistical analysis using Excel, 6 h, Nicholas Copernicus University, Torun, Poland. June 2004. ♦Data analysis, 10 h. Nicholas Copernicus University, Torun, Poland. April 2005. ♦Can We Trust Statistics? 4 h. TAMK, Tampere, Finland. February 2016.

Co-Ordinator of the following courses: ♦Escacs: un joc, un esport o una ciència? (Chess: A game, a sport, or a science?) 30 h. Summer University of Universitat de Vic. June 1999. ♦Curs d'escacs. (A Chess Course.) 50 h. Free Elective subject. Universitat Autònoma de Barcelona. Academic courses 2000-2001, 2001-2002, 2002-2003, 2003-2004, 2004-2005, 2005-2006.

Invited talks at: Karl Weierstrass Institut für Mathematik (Germany; 1991); Universidade de Coimbra (Portugal; 1992); Université de Paris VI Pierre et Marie Curie (France; 1995, 2005); Humboldt-Universität zu Berlin (Germany; 1997, 2001); Université du Maine (Le Mans, France; 1998); Nicholas Copernicus University (Torun, Poland; 1998, 2000, 2003, 2004, 2005), Universidad Complutense de Madrid (2004), Universidad de La Rioja (2005), Kyiv Mathematical Society (2006), Universidade da Coruña (2007), University of California at San Diego (2008).

Research stays at: Université de Paris VI Pierre et Marie Curie (France; 1995, 1 week); Humboldt-Universität zu Berlin (Germany; 1997, 1 week; 2001, 2 weeks); Université du Maine (Le Mans, France; 2001, 1 week; 2006, 2 weeks; 2010, 4,5 weeks), Wayne State University (Detroit, U.S.A.; 2004, 2 weeks).

Academic exchanges with: Nicholas Copernicus University (Torun, Poland; 1998, 1 week; 2000, 2 weeks; 2003, 1 week; 2004, 1 week; 2005, 1 week; 2007, 1 week; 2008, 1 week; 2009, 1 week; 2010, 1 week; 2011, 1 week; 2013, 1 week); Silesian Technical University (Gliwice, Poland; 2001, 1 week), TAMK (Finlandia; 2016, 1 week).

International Academic Co-Ordinator (academic exchanges and research) at the Escola Politècnica Superior of Universitat de Vic (2000-2012).

Appendix A. Full list of courses taught (1992—2021)

First year of activity (course 1992/1993, institution: Universitat Autònoma de Barcelona)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Statistics	1	27960 Descriptive Statistics	6	6	6/0
B.Sc. Geology	2	20455 Statistics	6	6	6/0

Second year of activity (course 1993/1994, institution: Universitat Autònoma de Barcelona)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
B.Sc. Geology	2	20455 Statistics	6	6	6/0
B.Eng. Computer Science	2	24976 Probability and Statistics	6	6	6/0

Third year of activity (course 1994/1995, institution: Universitat Autònoma de Barcelona)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
B.Sc. Geology	2	20455 Statistics	6	6	6/0
B.Eng. Computer Science	2	24976 Probability and Statistics	6	6	6/0

Third year of activity (course 1994/1995, institution: Escola Universitària Politècnica d'Osona/Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Computer Software	1	Statistics II	3,6	3,6	3,6/0
Graduate Studies in Telecommunications	1	Mathematics I	4,8	9,6	9,6/0
Graduate Studies in Agriculture and Food Industry	1	Algebra	4,8	4,8	4,8/0
Graduate Studies in Agriculture and Food Industry	1	Statistics	6	6	6/0

Fourth year of activity (course 1995/1996, institution: Universitat Autònoma de Barcelona)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Computer Software	1	21310 Advanced Statistics	6	6	6/0
B.Eng. Computer Science	2	24976 Probability and Statistics	6	6	6/0

Fourth year of activity (course 1995/1996, institution: Escola Universitària Politècnica d'Osona/Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Computer Software	1	Statistics II	3,6	3,6	2,4/1,2
Graduate Studies in Telecommunications	1	Mathematics I	4,8	9,6	9,6/0
Graduate Studies in Computer Software	1	Discrete Mathematics	6	12	6/0
Graduate Studies in Agriculture and Food Industry	1	Statistics	6	6	6/0

Fifth year of activity (course 1996/1997, institution: Universitat Autònoma de Barcelona)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Computer Software	1	21310 Advanced Statistics	6	6	6/0
B.Eng. Computer Science	2	24976 Probability and Statistics	6	6	6/0

Fifth year of activity (course 1996/1997, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Computer Software	1	Discrete Mathematics	6	12	6/0
Graduate Studies in Agriculture and Food Industry	1	Statistics	6	12	6/0

Sixth year of activity (course 1997/1998, institution: Universitat Autònoma de Barcelona)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
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Graduate Studies in Computer Software	1	21310 Advanced Statistics	6	6	6/0
B.Eng. Computer Science	2	24976 Probability and Statistics	6	6	6/0

Sixth year of activity (course 1997/1998, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Computer Software	1	Discrete Mathematics	6	12	6/0
Graduate Studies in Agriculture and Food Industry	1	Statistics	6	12	6/0

Seventh year of activity (course 1998/1999, institution: Universitat Autònoma de Barcelona)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Computer Software	1	21310 Advanced Statistics	6	6	6/0
B.Eng. Computer Science	2	24976 Probability and Statistics	6	6	6/0

Seventh year of activity (course 1998/1999, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Computer Software	1	Discrete Mathematics	6	6	6/0
Graduate Studies in Agriculture and Food Industry	1	Statistics	4,8	4,8	4,8/0
Graduate Studies in Industry	1	Statistics	4,8	4,8	4,8/0
Graduate Studies in Agriculture and Food Industry	1	Fundamentals of Mathematics	6	6	6/0

Eighth year of activity (course 1999/2000, institution: Universitat Autònoma de Barcelona)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Computer Software	1	21310 Advanced Statistics	6	6	6/0

B.Eng. Computer Science	2	24976 Probability and Statistics	6	6	6/0
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Ninth year of activity (course 1999/2000, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Computer Software	1	Discrete Mathematics	6	6	6/0
Graduate Studies in Industry	1	Statistics	6	6	6/0
Graduate Studies in Library Sciences and Documentation	1	Information Sources specialised in Science and Technology	4,8	4,8	4,8/0
Graduate Studies in Library Sciences and Documentation	1	Applied Statistics	4,8	4,8	4,8/0

Ninth year of activity (course 2000/2001, institution: Universitat Autònoma de Barcelona)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Computer Software	1	21310 Advanced Statistics	6	6	6/0
B.Eng. Computer Science	2	24976 Probability and Statistics	6	6	6/0

Ninth year of activity (course 2000/2001, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Computer Software	1	Discrete Mathematics	4,8	4,8	4,8/0
Graduate Studies in Agriculture and Food Industry	1	Statistics	6	6	6/0
Graduate Studies in Library Sciences and Documentation	1	Creation of Databases	4,8	4,8	1,2/3,6
Graduate Studies in Library Sciences and Documentation	1	Documental Application of Internet network	4,8	4,8	1,2/3,6

Tenth year of activity (course 2001/2002, institution: Universitat Autònoma de Barcelona)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Computer Software	1	27002 Statistics II	6	6	6/0
Grau de Geologia	2	20455 Statistics	6	6	3/3
B.Eng. Computer Science	2	24976 Probability and Statistics	6	6	4,5/1,5

Tenth year of activity (course 2001/2002, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Computer Software	1	Discrete Mathematics	4,8	4,8	4,8/0
Graduate Studies in Agriculture and Food Industry	1	Statistics	4,8	4,8	4,8/0
Graduate Studies in Library Sciences and Documentation	1	Creation and Maintenance of Databases	4,8	4,8	1,2/3,6
Graduate Studies in Library Sciences and Documentation	1	Information Sources specialised in Science and Technology	4,8	4,8	1,2/3,6
Graduate Studies in Telecommunications	1	Mathematics for Communications	2,4	2,4	2,4/0

Eleventh year of activity (course 2002/2003, institution: Universitat Autònoma de Barcelona)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Computer Software	1	27002 Statistics II	6	6	6/0
B.Sc. in Geology	2	20455 Statistics	6	6	3/3
B.Eng. Computer Science	2	24976 Probability and Statistics	6	6	4,5/1,5

Eleventh year of activity (course 2002/2003, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Computer Software	1	Discrete Mathematics	4,8	4,8	4,8/0
Graduate Studies in Agriculture and Food Industry	1	Statistics	4,8	4,8	4,8/0

Graduate Studies in Library Sciences and Documentation	1	Design and Use of Databases	4,8	7,2	1,8/5,4
Graduate Studies in Computer Software	1	Statistics	4,8	2,4	2,4/0
Graduate Studies in Telecommunications	1	Mathematics for Communications	4,8	4,8	4,8/0

Twelfth year of activity (course 2003/2004, institution: Universitat Autònoma de Barcelona)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Computer Software	1	27002 Statistics II	6	6	6/0
B.Sc. in Geology	2	20455 Statistics	6	6	3/3
B.Eng. Computer Science	2	24976 Probability and Statistics	6	6	4,5/1,5

Twelfth year of activity (course 2003/2004, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Library Sciences and Documentation	1	Design and Use of Databases	4,8	7,2	1,8/5,4
Graduate Studies in Computer Software	1	Discrete Mathematics	4,8	5,76	5,76/0
Graduate Studies in Industry	1	Statistical Methods for Engineering	4,8	3,6	3,6/0
Graduate Studies in Telecommunications	1	Mathematics for Communications	4,8	4,8	4,8/0

Thirteenth year of activity (course 2004/2005, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Library Sciences and Documentation	1	Design and use of Databases	4,8	7,2	1,8/5,4
Graduate Studies in Computer Software	1	Discrete Mathematics	4,8	4,8	4,8/0
Graduate Studies in Industry	1	Statistical Methods for Engineering	4,8	4,8	4,8/0
Graduate Studies in Telecommunications	1	Mathematics for Communications	4,8	4,8	4,8/0

Graduate Studies in Agriculture and Food Industry	1	Statistics	4,8	4,8	4,8/0
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Fourteenth year of activity (course 2005/2006, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Library Sciences and Documentation	1	Design and use of Databases	4,8	4,8	1,2/3,6
Graduate Studies in Industrial Electronics	1	Statistical Methods for Engineering	4,8	4,8	4,8/0
Graduate Studies in Computer Software	1	Discrete Mathematics	4,8	4,8	4,8/0
Graduate Studies in Computer Software	1	Statistics	4,8	7,2	7,2/0
Graduate Studies in Agriculture and Food Industry – B.Sc. in Environmental Sciences	1/2	Statistics	4,8	7,2	7,2/0
Graduate Studies in Telecommunications	1	Mathematics for Communications	4,8	2,4	2,4/0

Fifteenth year of activity (course 2006/2007, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Graduate Studies in Library Sciences and Documentation	1	Design and use of Databases	4,8	4,8	1,2/3,6
Graduate Studies in Computer Software	1	Discrete Mathematics	4,8	4,8	4,8/0
Graduate Studies in Computer Software	1	Statistics	4,8	7,2	7,2/0
Graduate Studies in Agriculture and Food Industry / B.Sc. in Environmental Sciences	1/2	Statistics	4,8	4,8	4,8/0

Sixteenth year of activity (course 2007/2008, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
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B.Sc. in Environmental Sciences	2	Statistics	6	2,64	2,64/0
Graduate Studies in Agriculture and Food Industry	1	Statistics	6	2,64	2,64/0
Graduate Studies in Computer Systems (ETIS)	1	Statistics	6	2,4	2,4/0
Graduate Studies in Computer Software (ETIG)	1	Statistics	6	2,4	2,4/0
ETIS/ETIG	1	Statistics	6	2,4	2,4/0
Graduate Studies in Computer Systems (ETIS)	1	Discrete Mathematics	6	1,6	1,6/0
Graduate Studies in Computer Software (ETIG)	1	Discrete Mathematics	6	1,6	1,6/0
ETIS/ETIG	1	Discrete Mathematics	6	1,6	1,6/0

Seventeenth year of activity (course 2008/2009, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
B.Sc. in Environmental Sciences	2	Statistics	6	2,4	2,4/0
Graduate Studies in Agriculture and Food Industry	1	Statistics	6	2,4	2,4/0
Graduate Studies in Computer Systems (ETIS)	1	Statistics	6	2,4	2,4/0
Graduate Studies in Computer Software (ETIG)	1	Statistics	6	2,4	2,4/0
ETIS/ETIG	1	Statistics	6	2,4	2,4/0
Graduate Studies in Computer Systems (ETIS)	1	Discrete Mathematics	6	1,6	1,6/0
Graduate Studies in Computer Software (ETIG)	1	Discrete Mathematics	6	1,6	1,6/0
ETIS/ETIG	1	Discrete Mathematics	6	1,6	1,6/0

Eighteenth year of activity (course 2009/2010, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
B.Sc. Environmental Sciences	2	Mathematics II	12	1,92	1,92/0
B.Sc. in Biotechnology	2	Mathematics II	12	1,92	1,92/0
Graduate Studies in Agriculture and Food Industry	1	Fundamentals of Mathematics	12	1,92	1,92/0
B.Sc. in Biotechnology (old)	2	Mathematics	12	1,92	1,92/0
B.Sc. Environmental Sciences	2	Fundamentals of Mathematics	12	1,92	1,92/0
B.Sc. in Environmental Sciences	2	Statistics	6	2,4	2,4/0
Graduate Studies in Agriculture and Food Industry	1	Statistics	6	2,4	2,4/0
Graduate Studies in Computer Systems (ETIS)	1	Statistics	6	2,4	2,4/0
Graduate Studies in Computer Software (ETIG)	1	Statistics	6	2,4	2,4/0
ETIS/ETIG	1	Statistics	6	2,4	2,4/0
Graduate Studies in Computer Systems (ETIS)	1	Discrete Mathematics	6	1,6	1,6/0
Graduate Studies in Computer Software (ETIG)	1	Discrete Mathematics	6	1,6	1,6/0
ETIS/ETIG	1	Discrete Mathematics	6	1,6	1,6/0

Nineteenth year of activity (course 2010/2011, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
B.Sc. in Biotechnology	2	Mathematics II	6	4	4/0
B.Sc. Environmental Sciences	2	Mathematics II	6	4	4/0

B.Sc. in Biology	2	Mathematics II	6	4	4/0
B.Sc. in Environmental Sciences	2	Statistics	6	2,4	2,4/0
Graduate Studies in Agriculture and Food Industry	1	Statistics	6	2,4	2,4/0
Graduate Studies in Industrial Electronics	1	Statistical Methods in Engineering	6	2	2/0
B.Eng. Mechatronics	2	Statistical Methods in Engineering	6	2	2/0
B.Eng. Industrial Electronics and Automation	2	Statistical Methods in Engineering	6	2	2/0

Tventieth year of activity (course 2011/2012, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
B.Eng. Mechatronics	2	Statistical Methods in Engineering	6	2	2/0
B.Eng. in Business Organisation	2	Statistical Methods in Engineering	6	2	2/0
B.Eng. Industrial Electronics and Automation	2	Statistical Methods in Engineering	6	2	2/0
B.Sc. in Biotechnology	2	Mathematics I	6	1,5	1,5/0
B.Sc. in Biology	2	Mathematics I	6	1,5	1,5/0
B.Sc. in Biotechnology	2	Advanced Biostatistics	3	3	3/0
B.Sc. in Biotechnology	2	Mathematics I	6	2	2/0
B.Sc. Environmental Sciences	2	Mathematics I	6	2	2/0
B.Sc. in Biology	2	Mathematics I	6	2	2/0
B.Sc. Environmental Sciences	2	Mathematics I	6	6	6/0
B.Sc. in Biotechnology	2	Mathematics II	6	2	2/0
B.Sc. Environmental Sciences	2	Mathematics II	6	2	2/0
B.Sc. in Biology	2	Mathematics II	6	2	2/0

B.Sc. in Applied Statistics (UAB-UVic)	2	Quality Control	6	3,6	3,6/0
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Twenty-first year of activity (course 2012/2013, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
B.Eng. Mechatronics	2	Statistical Methods in Engineering	6	2	2/0
B.Eng. in Business Organisation	2	Statistical Methods in Engineering	6	2	2/0
B.Eng. Industrial Electronics and Automation	2	Statistical Methods in Engineering	6	2	2/0
B.Eng. in Business Organisation	2	Industrial Statistics	6	6,24	6,24/0
B.Sc. in Biotechnology	2	Biostatistics	6	2	2/0
B.Sc. Environmental Sciences	2	Biostatistics	6	2	2/0
B.Sc. in Biology	2	Biostatistics	6	2	2/0
B.Sc. in Biotechnology	2	Advanced Biostatistics	3	3	3/0
B.Sc. in Biotechnology	2	Mathematics II	6	2	2/0
B.Sc. in Biology	2	Mathematics II	6	2	2/0
B.Sc. in Applied Statistics (UAB-UVic)	2	Quality Control	6	4,4	4,4/0

Twenty-second year of activity (course 2013/2014, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
B.Eng. in Business Organisation	2	Industrial Statistics	6	6	6/0
B.Sc. in Biotechnology	2	Mathematics II	6	0,6	0,6/0
B.Sc. Environmental Sciences	2	Mathematics II	6	0,6	0,6/0
B.Sc. in Biology	2	Mathematics II	6	0,6	0,6/0

B.Sc. Environmental Sciences /Food Processing and Technology	2	Mathematics II	6	0,6	0,6/0
B.Sc. in Biotechnology	2	Biostatistics	6	1,2	1,2/0
B.Sc. in Biology	2	Biostatistics	6	1,2	1,2/0
B.Sc. in Biotechnology	2	Biostatistics	6	1,86	1,86/0
B.Sc. Environmental Sciences	2	Biostatistics	6	1,86	1,86/0
B.Sc. in Biology	2	Biostatistics	6	1,86	1,86/0
B.Eng. Food Processing and Technology	2	Biostatistics	6	1,86	1,86/0
B.Sc. in Biotechnology	2	Advanced Biostatistics	3	4,8	4,8/0
B.Sc. Environmental Sciences	2	Biostatistics	6	0,375	0,375/0
B.Eng. Food Processing and Technology	2	Biostatistics	6	0,375	0,375/0
B.Eng. Mechatronics	2	Statistical Methods in Engineering	6	2	2/0
B.Eng. in Business Organisation	2	Statistical Methods in Engineering	6	2	2/0
B.Eng. Industrial Electronics and Automation	2	Statistical Methods in Engineering	6	2	2/0
B.Sc. in Applied Statistics (UAB-UVic)	2	Quality Control	6	3,6	3,6/0

Twenty-third year of activity (course 2014/2015, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
B.Sc. in Biotechnology	2	Biostatistics	6	1,5	1,5/0
B.Sc. Environmental Sciences	2	Biostatistics	6	1,5	1,5/0
B.Sc. in Biology	2	Biostatistics	6	1,5	1,5/0
B.Eng. Food Processing and Technology	2	Biostatistics	6	1,5	1,5/0

B.Sc. in Biotechnology	2	Advanced Biostatistics	3	4,8	4,8/0
B.Sc. Environmental Sciences	2	Biostatistics	6	0,375	0,375/0
B.Eng. Food Processing and Technology	2	Biostatistics	6	0,375	0,375/0
B.Eng. Mechatronics	2	English	6	1,5	1,5/0
B.Eng. in Business Organisation	2	English	6	1,5	1,5/0
B.Eng. Industrial Electronics and Automation	2	English	6	1,5	1,5/0
B.Eng. in Industrial Electronics	2	English	6	1,5	1,5/0
B.Eng. Mechatronics	2	Statistical Methods in Engineering	6	2	2/0
B.Eng. in Business Organisation	2	Statistical Methods in Engineering	6	2	2/0
B.Eng. Industrial Electronics and Automation	2	Statistical Methods in Engineering	6	2	2/0

Twenty-fourth year of activity (course 2015/2016, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
B.Sc. in Biotechnology	2	Biostatistics	6	2	2/0
B.Eng. Food Processing and Technology	2	Biostatistics	6	2	2/0
B.Sc. in Biology	2	Biostatistics	6	2	2/0
B.Sc. in Biotechnology	2	Advanced Biostatistics	3	4,8	4,8/0
B.Eng. Mechatronics	2	Statistical Methods in Engineering	6	1,2	1,2/0
B.Eng. in Business Organisation	2	Statistical Methods in Engineering	6	1,2	1,2/0
B.Eng. Industrial Electronics and Automation	2	Statistical Methods in Engineering	6	1,2	1,2/0
B.Eng. in Digital Technologies	2	Statistical Methods in Engineering	6	1,2	1,2/0

B.Eng. in Biomedicine	2	Statistical Methods in Engineering	6	1,2	1,2/0
B.Sc. in Applied Statistics (UAB-UVic)	2	Quality Control	6	6	6/0

Twenty-fifth year of activity (course 2016/2017, institution: Universitat de Vic)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
B.Sc. in Biotechnology	2	Biostatistics	6	2	2/0
B.Sc. in Biology	2	Biostatistics	6	2	2/0
B.Sc. Environmental Sciences / Biology	2	Biostatistics	6	2	2/0
Grau Food Processing and Technology	2	Biostatistics	6	1,5	1,5/0
B.Eng. Mechatronics	2	Mathematics I	6	1,5	1,5/0
B.Eng. in Biomedicine	2	Mathematics I	6	1,5	1,5/0
B.Eng. Industrial Electronics and Automation	2	Mathematics I	6	1,5	1,5/0
B.Eng. Industrial Electronics and Automation / Mechatronics	2	Mathematics I	6	1,5	1,5/0
B.Eng. Mechatronics	2	Statistical Methods for Engineering	6	2,5	2,5/0
B.Eng. in Biomedicine	2	Statistical Methods for Engineering	6	2,5	2,5/0
B.Eng. Industrial Electronics and Automation / Mechatronics	2	Statistical Methods for Engineering	6	2,5	2,5/0
B.Sc. in Biotechnology	2	Advanced Biostatistics	3	4,8	4,8/0
B.Sc. in Applied Statistics (UAB-UVic)	2	Quality Control	6	6	6/0

Twenty-sixth year of activity (course 2017/2018, institution: Tecnocampus Maresms)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
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B.Sc. in Marketing	2	Market Research	6	6	6/0
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Twenty-seventh year of activity (course 2018/2019, institution: Universitat Autònoma de Barcelona)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
Master's in Economics and Business Administration	3	Statistics for Data Analysis	3	3	2/1
Master's in Economics and Business Administration	3	Econometrics	3	3	2/1
B.Sc. in Economics	1	102114 Statistics II	6	6	4/2
B.Sc. in Economics	1	102386 Statistics I	6	6	4/2

Twenty-eighth year of activity (course 2019/2020, institution: Universitat Autònoma de Barcelona)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
B.Sc. in Accounting & Finance/Enterprise & Technology/Economy	2	102114 Statistics II	6	12	4/2
B.Sc. in Economics	1	102386 Statistics I	6	12	4/2
B.Sc. in Business Management and Law	1	102386 Statistics I	6	6	4/2

Twenty-ninth year of activity (course 2020/2021, institution: Universitat Autònoma de Barcelona)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
B.Sc. in Economics	1	102345 Mathematics I	6	6	4/2
B.Sc. in Business and Management	1	102345 Mathematics I	6	6	4/2
B.Sc. in Economics	1	102386 Statistics I	6	6	4/2
B.Sc. in Business Management	1	102386 Statistics I	6	6	4/2

Twenty-ninth year of activity (course 2020/2021, institution: Universitat Oberta de Catalunya)

Studies	Cycle	Course	Course credits	Credits taught	The./Pra.
B.Sc. in Business and Management	1	71.516 Fundamentals of Mathematics	6	6	4/2