



## CURRICULUM VITAE

### Informații personale/ Personal information

Prenume, Nume/First name, Name Laurian **Suciu**  
Adresa/Address M. Hochmeister, 11A, SIBIU  
Telefon/Phone  
Fax  
E-mail [laurian.suciu@ulbsibiu.ro](mailto:laurian.suciu@ulbsibiu.ro), [laurians2002@yahoo.com](mailto:laurians2002@yahoo.com)  
Naționalitatea/Nationality Romanian  
Data nașterii/Date of birth 18/06/1978

### Experiență/Work Experience

Perioada/Date **2003-2008**

Ocupația sau poziția deținută/  
Occupation or position held Assistant Professor

Principalele activități și  
responsabilități/ Main activities  
and responsibilities Research activity

Numele și adresa angajatorului/  
Name and address of employer West University of Timișoara, Vasile Pârvan Avenue, No. 4, Timișoara 300223,  
Romania

Tipul afacerii sau sectorul de  
activitate/ Type of business or  
sector Educational system

Perioada/Date **2005-2007**

Ocupația sau poziția deținută/  
Occupation or position held A.T.E.R.(teaching assistant)

Principalele activități și  
responsabilități/ Main activities  
and responsibilities Teaching and research activity

Numele și adresa angajatorului/  
Name and address of employer University Claude Bernard Lyon 1, Avenue of Novembre 11, 1918, No 43,  
69100 Villeurbanne, France

Tipul afacerii sau sectorul de  
activitate/ Type of business or  
sector Educational system

Perioada/Date 2009-2013

Ocupația sau poziția deținută/ Occupation or position held	Lecturer
Principalele activități și responsabilități/ Main activities and responsibilities	Teaching and research activity
Numele și adresa angajatorului/ Name and address of employer	Lucian Blaga University of Sibiu, Victoriei Avenue, No. 10, 550024 Sibiu, Romania
Tipul afacerii sau sectorul de activitate/ Type of business or sector	Educational system

Perioada/Date	2013-2016
Ocupația sau poziția deținută/ Occupation or position held	Associate Professor
Principalele activități și responsabilități/ Main activities and responsibilities	Teaching and research activity
Numele și adresa angajatorului/ Name and address of employer	Lucian Blaga University of Sibiu, Victoriei Avenue, No. 10, 550024 Sibiu, Romania
Tipul afacerii sau sectorul de activitate/ Type of business or sector	Educational system

Perioada/Date	<b>October 1, 2016 - present</b>
Ocupația sau poziția deținută/ Occupation or position held	Professor (Full)
Principalele activități și responsabilități/ Main activities and responsibilities	Teaching and research activity
Numele și adresa angajatorului/ Name and address of employer	Lucian Blaga University of Sibiu, Victoriei Avenue, No. 10, 550024 Sibiu, Romania
Tipul afacerii sau sectorul de activitate/ Type of business or sector	Educational system

### **Educație și pregătire profesională/ Education and training**

Perioada/Date	2016
Denumirea calificării/ Title of qualification awarded	Habilitation
Principalele competențe sau subiectul acoperit/ Principal subjects/occupational skills covered	Functional Analysis / Mathematics
Numele și tipul organizației furnizoare/ Name and type of organisation providing education and training	Tehcnical University of Cluj-Napoca, Romania

**Perioada/Date** 2002-2006  
**Denumirea calificării/ Title of qualification awarded** **PhD in Mathematics**  
**Principalele competențe sau subiectul acoperit/ Principal subjects/occupational skills covered** Functional Analysis/Mathematics  
**Numele și tipul organizației furnizoare/ Name and type of organisation providing education and training** University Claude Bernard Lyon 1, France

**Perioada/Date** **2001-2003**  
**Denumirea calificării/ Title of qualification awarded** Master of Science  
**Principalele competențe sau subiectul acoperit/ Principal subjects/occupational skills covered** Operator Models Applied to Optimal Control and Differential Geometry (Timisoara) and DEA Math at Univ. Lyon 1  
**Numele și tipul organizației furnizoare/ Name and type of organisation providing education and training** Faculty of Mathematics and Computer Science, West University of Timisoara and University Claude Bernard Lyon1 (2001-2002)

**Perioada/Date** **1997-2001**  
**Denumirea calificării/ Title of qualification awarded** Bachelor of Science  
**Principalele competențe sau subiectul acoperit/ Principal subjects/occupational skills covered** Pure Mathematics  
**Numele și tipul organizației furnizoare/ Name and type of organisation providing education and training** Faculty of Mathematics and Computer Science, West University of Timisoara

**Limbă maternă/Mother language**

Română / Romanian

Alte limbi/Other language(s)  
 Autoevaluare/Self-assessment  
*European level (\*)*

**English**

**French**

**Understanding**

Listening Reading

B2

C1

**Speaking**

Spoken interaction Spoken production

B2

C1

**Competențe și aptitudini organizaționale/ Organisational skills and competences**

*Member in scientific organizations:*

- Member of Romanian Mathematical Society
- Member of the International Society of Difference Equations
- Member of Research Center in Mathematics and Applications of Lucian Blaga University of Sibiu

2004, 2006, 2008, 2010 participation in the organizing committee of 20th, 21st, 22nd, 23rd "International Conference on Operator Theory", Timisoara, Romania.

*Editor of Mathematica Bohemica*

<http://mb.math.cas.cz/editorial-board.html>

*Editor of Annals of West University of Timisoara - Mathematics and Computer Science*

<https://sciendo.com/journal/AWUTM?content-tab=editorial-board>

*Reviewer for:* Journal of Functional Analysis, Transactions of the AMS, Israel Journal of Mathematics, Studia Mathematica, Integral Equations and Operator Theory, Journal of Operator Theory, Journal of Mathematical Analysis and Applications, Complex Analysis and Operator Theory, Linear and Multilinear Algebra, Linear Algebra and its Applications, Results in Mathematics, Proceedings of the Royal Society of Edinburgh Section A, Monatshefte. fur Math, Acta Sci Math Szeged etc.

*Teaching activity :*

I have taught courses in Mathematical Analysis and Algebra.

Analysis: Calculus, Topology, Measure Theory, Differential Equations, Fourier Analysis, Functional Analysis and Approximation Theory, Introduction to Operator Theory, Ergodic Dynamical Systems, Special Functions and Applications, Theory of Distributions.

Algebra : Introductory Algebra, Linear Algebra.

**Competențe și aptitudini în utilizarea computerului/ Computer skills and competences**

Microsoft Office, LaTeX

## Alte competențe și aptitudini/ Other skills and competences

2007 - 2008 Member in four Research Grants (CEX-CNCSIS) between the Faculty of Mathematics and Computer Science from the West University of Timisoara and the Institute of Mathematics "Simion Stoilow" of the Romanian Academy.

2008, 2010 - Fellowship supported by TODEQ research grant at the Institute of Mathematics of the Polish Academy of Sciences, Warsaw (collaborators : J. Zemánek, Y. Tomilov) and AGH University of Krakow and Jagiellonian University in Krakow, (collaborators : P. Cojuhari, W. Majdak, M. Kosiek and Z. Burdak), Poland.

2011, Visiting Associate Professor for five months at "Laboratoire Paul Painlevé", University Lille 1, France.

2012, Visiting Researcher for six months at "Centre for Mathematical Sciences", Lund University, Sweden.

2014, Visiting Researcher for two weeks at "AGH University of Science and Technology", Krakow, Poland.

2016, Visiting Researcher for three months by CNRS at "Laboratoire Paul Painlevé", University Lille 1, France.

2016, Visiting Researcher for two weeks at "Institute of Mathematics of the Czech Academy of Sciences", Prague, Czech Republic.

2018, Visiting Researcher for two weeks at "AGH University of Krakow", Poland.

2019, Visiting researcher for two weeks at CIRM Marseille, France.

2019, Visiting Professor for the master course « Ergodic Theory and Applications » May-June, AGH University of Krakow, Poland.

2020, Invited as Visiting Professor for the master course « Ergodic Theory and Applications » AGH University of Krakow, Poland.

2024, Invited as Visiting Professor for the master course « Ergodic Theory and Applications » AGH University of Krakow, Poland.

### RESEARCH TOPICS

Mathematical Analysis, Functional Analysis, Operator Theory, Ergodic Theory, Harmonic Analysis

### SCIENTIFIC PUBLICATIONS - Laurian SUCIU

55 papers in international reviews or peer-reviewed conference Proceedings

### SEMINARS AND CONFERENCES

over 60 talks in International Conferences and Seminars

2001-2007 : active member in "Séminaire d'Analyse Fonctionnelle" (IGD Lyon1) (6 talks) and "Working Group : Théorie des opérateurs et analyse complexe" (IGD Lyon1), organized by Prof. Gilles Cassier (42 talks).

2004 : participation to "20th International Conference on Operator Theory", Timisoara, Romania, June 31 - July 5, with the talk : Ergodic properties for generalized contractions.

2004 : participation to "Journées de GDR - Analyse Fonctionnelle et Harmonique et Applications", Bordeaux, September 20-23, with the talk :

Nouvelles propriétés pour les A-contractions ergodiques.

2005 : participation to "IXe Conférence Annuelle de la Société de Sciences Mathématiques de Roumanie", Lugoj, May 6-7, with the talk :

A-contractions and applications.  
 2005 : participation to "Journées de GDR - Analyse Fonctionnelle et Harmonique et Applications", Grenoble, September 12-15, with the talk :  
 Sur l'ergodicité uniforme pour les A-contractions.  
 2005 : participation to "Journées d'analyse fonctionnelle", Lyon, December 7, with the talk :  
 Propriétés d'ergodicité uniforme pour certaines classes d'opérateurs.  
 2006 : participation to "l' École de Printemps d'Analyse Fonctionnelle", Rabat, May 22-25, with the talk :  
 Invariant subspaces for A-contractions and applications.  
 2006 : participation to "Operator Models and Applications", Timisoara, June 29 - July 4, with the talk :  
 Quasinormal contractions and quasi-isometries.  
 2006 : participation to "21st International Conférence on Operator Theory", Timisoara, June 29 - July 4, with the talk :  
 Some decompositions for A-contractions and applications.  
 2006 : participation to "Journées de GDR - Analyse Fonctionnelle et Harmonique et Applications", Lille 11- 14 September, with the talk :  
 Contractions hyponormales et quasi-isométries.  
 2006 : participation to "Séminaire d'Analyse Fonctionnelle, Université de Besançon", November 14 with the talk :  
 Représentations matricielles pour les A-contractions.  
 2006 : participation to "Journées d'Analyse Fonctionnelle et de Théorie des Opérateurs", Lyon, November 30 - December 1, with the talk :  
 Calcul fonctionnel et quasi-contractions.  
 2007 : participation to "Séminaire d'Analyse Fonctionnelle, Lab. Paul Painlevé, Lille 1", March 9, with the talk :  
 Classes des A-contractions similaires à des contractions.  
 2007 : participation to "Journées d'Analyse Fonctionnelle et Harmonique", Lens, March 29-30, 2007.  
 2007 : participation to "Workshop MathESTIA 2007", Bayonne, April 25-27, with the talk :  
 Classes d'opérateurs similaires à des contractions.  
 2007 : participation to "6-th Congress of Romanian Mathematicians", Bucharest, June 28 - July 4, with the talk :  
 Classes of operators similar to partial isometries and generalized inverses.  
 2007 : participation to "IXe Conférence Nationale d'Analyse Mathématique et Applications", Iasi Romania, October 26-27, with the talk :  
 Ordonare Harnack pentru perechi de contractii comutative.  
 2007 : participation to "Séminaire d'Analyse, Université Bordeaux 1", November 26, with the talk :  
 Comportement asymptotique et opérateurs de Toeplitz généralisés.  
 2008 : participation to "Scientific Dissertations in Mathematics", May 15 - 16, 2008, University of Sibiu, Romania, with the talk :  
 Ergodicity for contractions in semi-Hilbert spaces.  
 2008 : participation to "22nd International Conference on Operator Theory", Timisoara, July 3 - July 8, with the talk :  
 Asymptotic behaviours and generalized Toeplitz operators.  
 2008 : participation to "Seminar of Applied Functional Analysis", AGH University of Krakow, October 29, with the talk :  
 The convergence of Cesàro means and saturation.  
 2008 : participation to "Seminar of Applied Functional Analysis", AGH University of Krakow, November 5, with the talk :  
 Strong and uniform convergence of Cesàro means for A-contractions.

2008 : participation to "XIV-th International Conference on Mathematics, Informatics and Related Fields", November 7-11, Ustrzyki Dolne, Poland, with the talk :  
Generalized Toeplitz operators and ergodic properties.

2008 : participation to "Seminar of Operator Theory" Polish Academy of Science, Warsaw, November 15, with the talk :  
Strong convergence of Cesàro means for some generalized power bounded operators.

2008 : participation to "Seminar of Operator Theory" Polish Academy of Science, Warsaw, November 29, with the talk :  
Uniform convergence for some classes of operators.

2009 : participation to "ROGERS 2009, Romanian - German Symposium on Mathematics and its Applications", University of Sibiu, May 14-17, 2009, with the talk :  
Growth conditions and Cesàro means of higher order.

2009 : participation to "Scientific Dissertations in Mathematics", May 28, University of Sibiu, Romania, with the talk :  
Generalized Toeplitz operators and applications.

2010 : participation to a scientific seminary in Mathematical Institute, University of Wroclaw, January 6, with the talk :  
Growth conditions and Cesàro means for operators on Banach spaces.

2010 : participation to "Seminar of Operator Theory" Polish Academy of Science, Warsaw, January 9, with the talk :  
Growth conditions and Cesàro means.

2010 : participation to Workshop "Operator Theory and Applications : perspectives and challenges", Jurata, Poland, March 18-28, with the talk :  
Cesàro means of operators and related results.

2010 : participation to International Symposium "Twenty years of Mathematics in the "Lucian Blaga" University of Sibiu", Sibiu, Romania, May 14-15, with the talk :  
Cesàro bounded operators and related results.

2010 : participation to "23rd Conference in Operator Theory", Timisoara, Romania, June 29 - July 4, with the talk :  
The asymptotic limit of a bicontraction and related results.

2011 : participation to "Séminaires d'Analyse Fonctionnelle", 11 February, Laboratoire Paul Painlevé, Université Lille 1, France, with the talk :  
Sur les moyennes ergodiques orthogonales

2011 : participation to "The seventh congress of romanian mathematicians" June 29-July 5, Brasov, Romania, with the talk :  
Cesaro bounded operators and ergodic characterizations of reexive Banach spaces

2011 : participation to "Workshop on Functional Analysis and its Applications in Mathematical Physics and Optimal Control" September 5-10, Nemecka, Slovak Republic, with the talk :  
Recent contributions to operator ergodic theory.

2012 : participation to the seminar "Operator theory, Complex and Harmonic Analysis", Lund University, Sweden, February 1, 8, 2012, with two talks.

2012 participation to "International Workshop on Dierential Equations" to be held in Szeged, Hungary, April 20-22, 2012, with the talk :  
On the asymptotic limit of a Hilbert space bicontraction.

2012 : participation to "Seminar of Operator Theory" Polish Academy of Science, Warsaw, April 28, with the talk :  
On Hilbert space bicontractions.

2012 : participation to "International Workshop on Functional Analysis", Timisoara, Romania, October 12-14, with the talk :  
Harnack and Borel-Carathéodory type inequalities for bicontractions.

2013 : participation to "Sz. Nagy Centennial Conference, June 24-28, Szeged, Hungary, with the talk :  
Ergodic results for Cesaro and Abel bounded operators

2014 : participation to "Applied Functional Analysis Seminar" June 18, AGH University, Cracow, Poland, with the talk :  
Ergodic results for operator means

2014 : participation to "25th International Conference on Operator Theory", Timișoara, Romania, with the talk :  
Ergodic operator means in Banach spaces

2015 : participation to "Recent trends in operator theory and function theory" June 8-12, Lille, with the talk :  
Classes of contractions in Harnack and Shmul'yan domination

2015 : participation to the "Seminar for Ph.D students", November 24, Bolyai Institute, Szeged, Hungary, with the talk :  
Introduction to Harnack analysis of Hilbert space contractions

2016 : participation to the "Seminar of Functional Analysis", Laboratoire Paul Painlevé, Univ Lille 1, France, with the talk :  
Moyennes ergodiques d'opérateurs sur les espaces de Banach.

2019 : participation to "Seminar of the Chair of Functional Analysis", Jagiellonian Univ., Institute of Mathematics, June 4, Krakow, Poland, with the talk: On  $m$ -isometric dilations.

2019 : participation to "Applied Functional Analysis Seminar", June 5, and to the Conference "Oblicza współczesnej matematyki » June 8, AGH Univ., Krakow, Poland, with the talks:  
Operators with two-isometric dilations and decompositions and Ergodic properties of Cesaro and Abel bounded operators.

2020 : participation to „Workshop on new directions in approximation theory and related topics”, February 10, L.B. University of Sibiu, with the talk:  
Cesaro averages and the growth of the resolvent for a bounded operator.

2020 : participation to the Seminar on Operator Theory from the Institute of Mathematics of the Romania Academy, July 8 iulie, with the talk:  
Operatori pe spații Hilbert ce posedă dilatări  $m$ -izometrice.

2021: participation to the "Seminar of Functional Analysis", January 15, Laboratoire Paul Painlevé, Univ Lille 1, France, with the talk :  
Dilatations isométriques d'ordre supérieur sur les espaces de Hilbert.

2021: participation to "Conference at the occasion of Prof. László Kérchy's 70th birthday" November 15, Bolyai Institute Szeged, Hungary, with the talk:  
Operators that possess high order isometric dilations.

2021 : participation to "Applied Functional Analysis Seminar", December 8, AGH Univ., Krakow, Poland, with the talk:  
Expansive dilations for operators on Hilbert spaces.

2022: participation to „Scientific Seminar of the Department of Math and Inf“ Transilvania Univ of Brasov, June 23, with the talk:  
Studiu asupra operatorilor mărginiți pe spații Hilbert care sunt compresii de multiplicări  $m$ -izometrice.

2022: participation to 27th International Conference on Difference Equations and Applications, Paris, July 21, with the talk:  
On the relation between growth conditions on some operator means and the behavior of the resolvent for bounded operators on Banach spaces.

2022: participation to the Seminar of Functional Analysis, Institute of Math. of the Czech Academy of Sciences, September 20, with the talk:  
On Brownian unitary extensions and  $m$ -isometric liftings.



2023: participation to The conference "Smart Diaspora 2023, Timișoara, April 10-13, with the talk:  
Extensions for operators on Hilbert spaces which satisfy polynomial growth conditions.  
2023: participation to Operator Theory Days, Conference in honor of Mostafa Mbekhta, May 24th and 25th in Lille, with the talk:  
On some special extensions for certain operators on Hilbert spaces.  
2023: participation to 28th International Conference on Difference Equations and Applications, Phitsanulok, Thailand, July 17-21, with the talk:  
Brownian type extension for operators on Hilbert spaces.  
2023: participation to Operator Theory in Lille - a conference in honor of Dan Timotin, November 6-8, with the talk:  
Wold decompositions and Brownian type operators.

#### Alte informații

Link către Google Scholar:

<https://scholar.google.ro/citations?user=bZh4yY0AAAAJ&hl=ro>

Link către Web of Knowledge:

<https://1510qk80k-y-https-www-webofscience-com.z-e-information.ro/wos/woscc/summary/a24bfb80-2317-4bf6-8ef6-57e2e50328a5-e5708d19/relevance/1>

Link către Scopus:

<https://15109k80x-y-https-www-scopus-com.z-e-information.ro/authid/detail.uri?authorId=14826034800>

Data, 01.05.2024

Semnătura

