



Curriculum vitae Europass

Informații personale

Nume / Prenume **Soós Anna**

Adresă(e) str. Tăietura Turcului, nr. 14/23, 400221 Cluj Napoca, Romania

Telefon(oane) +40742917015

Fax(uri) +40264591906

E-mail(uri) asoos@math.ubbcluj.ro

Naționalitate(-tăți) cetățenia: română, naționalitatea: maghiară

Data nașterii 08.11.1959

Sex Feminin

Locul de muncă / **Universitatea Babeș–Bolyai, Facultatea de Matematică și Informatică**

Matematician

Domeniul ocupațional

Experiența profesională

- 2012 – prorector responsabil de linia maghiară și de curriculum.
- 2008 – 2012 prodecan, Facultatea de Matematică și Informatică
- 2005 – conferențiar, Facultatea de Matematică și Informatică
- 1997 – 2005 - lector, Facultatea de Matematică și Informatică
- 1991 – 1997 - profesor de matematică – Colegiul National Székely Mikó Sf. Gheorghe
- 1982 – 1991 -- profesor de matematică - Liceul Nr.1. Tg. Secuiesc.

Materii predate:

- Teoria probabilităților
- Statistică matematică
- Inteligență artificială
- Programare logică și funcțională
- Procese stocastice și fractali
- Metode de căutare stocastice
- Analiza fenomenelor stocastice

Domenii de cercetare

- fractali deterministici și stocastici,
- procese stocastice, mișcări browniene
- ecuații diferențiale stocastice
- omogenizare pe fractali
- analiză stocastică

Participări la programe de cercetare finanțate din sursă internațională

- ERASMUS IP, DSL2013, nr.10/31.08.2012, coordinator
- MASCIL (Mathematics and Science for Life), FP7, nr. 320696, 2013-2016: membru
- FP7 programme, Primas, 2010-2013, Promoting Inquiry in Mathematics and Science education Across Europe, coordinator University Freiburg
- Comenius programme, 2007-2010 Developing Quality in Mathematics Education II, 134312-DE-2007-CMP, coordinator
- CEEEX programme, Viasan, 2006-2008, Hatieganu Medical University, Babes-Bolyai University, membru
- Bolyai Research Fellowship, 2003-2006, Analysis on fractals and random fractals
- Sapientia Research Grant, 2003-2004, Asymptotical analysis and variational problems, membru
- Sapientia Research Grant, 2003-2004, Fractal functions and applications, coordonator.
- Sapientia Research Grant, 2002-2003, Dynamical systems with applications, membru
- Arany Janos Research Grant, 2001-2002, Nonlinear analysis, membru
- WorldBank Project Grant, cod 87, 2001-2003, Approximations theory and numerical analysis, membru.

Participări la programe finanțate din sursă națională

- Romanian Ministry of Education, T1/355, 2004,2005, 2006, Approximation, numerical and probabilistic methods, director prof. dr. Octavian Agratini.
- Romanian Ministry of Education, T82/1072, 2001,2002,2003, Approximation methods and numerical analysis, director prof. dr. Octavian Agratini.
- Romanian Ministry of Education, T23/294, 1999, 2000, Interpolatory, combinatoric, and probabilistic methods in approximation theory, director prof. dr. Gheorghe Coman

Educație și formare

- 2002, - doctorat – universitatea Babeș–Bolyai, Teza:Random fractals using contraction methods in probabilistic metric spaces
- 1994-1996 – Universitatea Eötvös Lránd, Budapest, Facultatea de Științe ale Naturii, sectia Profesor de informatică
- 1978-1982 – Universitatea Babeș–Bolyai, Facultatea de Matematica - Cluj- Napoca

Studii și cercetări în străinătate:

- 1998-99 Rényi Institute, Budapest, PhD fellowship of Hungarian Academy of Science, (10 luni)
- 1999 Eötvös Loránd University, Budapest, Domus Hungarica Scientiarum et Artium research grant, (1,5 luni).
- 2000 XXX.International Probability School, Saint Flour, 2000.08.17.-09.02, EMS fellowship
- 2000 Ernst Moritz Arndt University Greifswald, grant of Numerical Analysis and Statistic Department of Babeș–Bolyai University,(1 lună)
- 2000/2001 Eötvös Loránd University, Budapest, Domus Hungarica Scientiarum et Artium research grant, (2luni).
- 2001/2002 University od Szeged, research grand of the Hungarian Ministry of Education, (3 luni)
- 2002 Eötvös Loránd University, Budapest, CEEPUS grant (1 lună)
- 2002 Constantine the Philosopher University, Nitra, CEEPUS grant, (1 lună)
- 2003 Eötvös Loránd University, Budapest, CEEPUS grant (1 lună)
- 2004 Lisboa University, Erasmus fellowship, 2004, 01-07.05
- 2005 Technical University Wien, CEEPUS grant (1 lună)
- 2006 Technical University Kosice, CEEPUS grant (1 lună)
- 2006 Eötvös Loránd University, Budapest, Domus Hungarica Scientiarum et Artium fellowship (2 luni)
- 2007 Eötvös Loránd University, Budapest, mobilitate ERASMUS
- 2008 Eötvös Loránd University, Budapest, Domus Hungarica Scientiarum et Artium fellowship (1 lună)

- 2008 Debrecen University, Debrecen, mobilitate ERASMUS
- 2009 Johannes Kepler University Linz, CEEPUS grant (1 lună)
- 2013 Constantine the Philosopher University, Nitra, CEEPUS grant (1 lună)
- 2014 Polytechnical Engineering College, Subotica, Serbia, CEEPUS grant (1 lună)
- 2015 University of Sarajevo ,Bosnia and Herzegovina, CEEPUS grant (1 lună)
- 2015 University of Information Science and Technologies "St. Paul the Apostle - Ohrid, Republic of Macedonia, CEEPUS grant (1 lună)
- 2016 University of Perm, Perm, Rusia, mobilitate ERASMUS
- 2017 Bangseng University, Bangseng, mobilitate ERASMUS
- 2018 Hanoi University, Hanoi, Vietnam, mobilitate ERASMUS
- 2018 Charles University, Prague, CEEPUS grant (1 lună)
- 2019 Jadvapur University, Kolkata, India, mobilitate ERASMUS

Conferințe și seminarii invitate internaționale

- 1999: J. Safarik University Kosice, "Fractal function and interpolation"
- 2002 University of Szeged, Department of Mathematics and Informatics, "Fractal functions and interpolation"
- 2002 Eötvös Lóránd University, Budapest, Department of Numerical Analysis, "Invariant sets in probabilistic metric spaces"
- 2003 University of Szeged, Department of Mathematics and Informatics, "Random fractals"
- 2004 Eötvös Lóránd University , Budapest, Faculty of Informatics, Stochastic processes and fractals, for PhD students, [10 lectures]
- 2004 University of Lisbon, Mathematical Institute: "Homogenization on fractals" "
- 2005 Technical University Wien, Faculty of Discrete Mathemaics and Geometry, "Two scale convergence on fractals"
- 2006 Technical University, Kosice, "Wavelet approximation of solutions of SDE"
- 2006 Technical University Wien, CEI master course, "Fractals in mathematical education" [10 lectures]
- 2007 Eötvös Lóránd University , Budapest, Faculty of Informatics, "Introduction to fractal analysis", for PhD students, [6 lectures]
- 2009 Johann Kepler University Linz, Deparment of Informatics, "Stochastic processes and fractals", 6 lectures for master students
- 2014 Differentiable Ergodic Theory, Dimension Theory and Stable Foliations, 28.09.-04.10.2014, Mathematisches Forschungsinstitut Oberwolfach, "Approximation of solutions of SDE driven by fractional Brownian motion"
- 2015 Minőségfejlesztés a felsőoktatásban – Idegen nyelvű képzések, 23-24.04.2015, Budapest, "The internationalization of higher education in EUROPE"
- 2015 The Annual Conference on Cultural Diplomacy, Building Bridges of Peace and Reconciliation in Times of Greater Global Insecurity Berlin, 10-13.12. 2015, " Universities – effective agent of cultural diplomacy"
- 2016 Conference on unieversity and business cooperation in Central Europe, Budapest, ian. 28-29. 2016. "Babeş-Bolyai University – an effective example of higher education and business co-operation".

Profesor invitat

- 2008, 2009, 2010, 2011 AUST, Afrikan University of Science and Technology, Abuja, Nigeria

Aptitudini și competențe personale

Limba(ile) maternă

Maghiară

Limba(i) străină(e) cunoscută(e)

Română, nivel avansat

Germană, nivel mediu

Franceză, nivel mediu

Engleză, nivel mediu

**Competențe și
aptitudini
organizatorice**

Organizări de conferințe:

- International Symposium on Numerical Analysis and Approximation Theory, Cluj-Napoca, 9-11 May 2002
- 6th Joint Conference on Mathematics and Computer Science Pécs, 12-15 July 2006.
- XXVI. Seminar on Stability Problems for Stochastic Models, August 27 - September 2, 2006, Sovata-Bai, Romania, organized by Faculty of Informatics of the University of Debrecen, the Moscow State University, the Steklov Institute of Mathematics in Moscow and the Babes-Bolyai University
- NAAT2006, Numerical Analysis and Approximation Theory, Cluj- Napoca, July 5-8, 2006.
- 18th International Symposium on Implementation and Application of Functional Languages IFL'06 , September 4th-6th 2006, Budapest, Hungary
- Communication and information technology in mathematical education, joint masters programme of Constantine the Philosopher University in Nitra - Slovak Republic, Vienna University of Technology - Austria, Babes- Bolyai University in Cluj-Napoca - Romania, South Bohemian University in Cesk Budejovice - Czech Republic and University of Szeged - Hungary, 2005-2006
- Central European Functional Programming, Summer School, Faculty of Mathematics and Computer Science Babes-Bolyai University, June 25-30, 2007
- Stochastic phenomena, International workshop and summer school, 24-28.05.2008. Cluj Napoca
- Developing quality in mathematical education, COMMENIUS project yearly conference, 23-27.- 9.2008., Cluj Napoca
- Bolyai Lobachevsky Gauss conference, Cluj Napoca, 2010
- International Conference on Numerical Analysis and Approximation Theory, NAAT2010 (2010.09. 23- 26)
- 9th Joint Conference on Mathematics and Computer Science, MACS 2012, 2012.02.9-12, Siófok
- 140 éves a kolozsvári magyar nyelvű egyetemi oktatás/140 de ani de învățământ universitar în limba maghiară din Cluj, Cluj, 1-5.10.2012
- Inquiry-based learning in mathematics and science: PRIMAS project conference, Cluj, 2013.03.23-26.
- DSL2013, Central European Functional Programming, Summer School, Faculty of Mathematics and Computer Science Babes-Bolyai University, June 8-19, 2013
- 10th Joint Conference on Mathematics and Computer Science, MACS 2014, Cluj, 05.21-25.2014.
- NAAT 2014, Numerical Analysis and Approximation Theory, Cluj- Napoca, 09. 17-20.2014.
- Conferința Științifică Studentească din Transilvania, edițiile 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019.
- 11th Joint Conference on Mathematics and Computer Science, MACS 2016, Eger, 05.20-22.2016
- The Challenges and Cultures of Change in Transylvania, 16th to 18th Centuries., Cluj Napoca, 9-10.12.2016.
- 12th Joint Conference on Mathematics and Computer Science, MACS 2018, Sacuieu, 14-17.06. 2018.

Activitate editorială:

Secretar de redacție Studia Universitatis Babes-Bolyai, Mathematica, 2004-2008
Editor din 2009

Alte activități:

- Coordonator ERASMUS pe facultate, 2007-2012
- Coordonator practică pe facultate, 2007-2011
- Conducere de cercuri studentesti de cercetare, 2005-2009
- Președinte Fundatiei Universitare Maghiare din Cluj, 2006-2018

**Competențe și
aptitudini
tehnice**

-echipamente multimedia
- permis de conducere

**Competențe și
aptitudini de
utilizare a
calculatorului**

-editare de texte în Latex, Word
-programare in MATLAB, EXEL, MAPLE

10.01.2020.

,

Conf.dr. Anna Soós