



Europass Curriculum Vitae

Informatie personala

Nume si prenume **Eneia Nicolae Todoran**

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Departament Calculatoare
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Experienta profesionala

Pozitie curenta Profesor doctor, Departament Calculatoare (din 2009)

Responsabilitati Invatamant, cercetare

Angajator Universitatea Tehnica Cluj-Napoca

Domeniu activitate Stiinta calculatoarelor, Tehnologia informatiei

Perioada 1991-prezent

Angajator Universitatea Tehnica Cluj-Napoca

Postul ocupat Asistent (1991-1996), Sef lucrari (1996-2002),
Conferentiar (2002-2009), Profesor (2009-prezent)

Educatie

Titluri si calificari Inginer diplomat, specializarea Calculatoare
Universitatea Tehnica Cluj-Napoca (UTCN), 1988

Doctor in Inginerie, Stiinta calculatoarelor (UTCN, octombrie 2000)
Titlul tezei de doctorat: "Tehnici semantice in dezvoltarea sistemelor concurente" (Magna cum laude)

Activitate didactica

CURSURI	Program studii	AN
Inginerie software	Licenta	3 (romana)
Software Engineering	Licenta	3 (engleza)
Limbaje si sisteme de tipuri	Master	5

Domenii cercetare

Limbaje de programare si semantica concurentei
Calcul distribuit, calcul global, calcul DNA, calcul membranar
Inginerie software si metode formale, model checking

Publicatii stiintifice

4 carti si 78 articole stiintifice publicate in calitate de **autor unic sau autor principal** (<http://users.utcluj.ro/~eneia/pub.htm>), dintre care:

- **11 articole** publicate in **jurnale ISI** sau in volumele unor **conferinte de rang A sau B** astfel:
 - **2 articole** publicate in **jurnale ISI** din **zona Q1** (Web of Science)
 - **1 articol** publicat in **jurnal ISI** din **zona Q2** (Web of Science)
 - **4 articole** publicate in **jurnale ISI** din **zona Q3, Q4** (Web of Science)
 - **2 articole** publicate in volumele unor **conferinte de rang A**
 - **2 articole** publicate in volumele unor **conferinte de rang B**
- 1. Gabriel Ciobanu, **Eneia Nicolae Todoran**, "Variants of Spiking Neural P Systems and their Operational Semantics in Haskell", Journal of Membrane Computing, vol.5(2), pp. 81-99, Springer, 2023. **[Q1]**
- 2. Gabriel Ciobanu, **Eneia Nicolae Todoran**, "Spiking Neural P Systems and Their Semantics in Haskell", Natural Computing, vol.22(1), pp. 41-54, Springer, 2023. **[Q3]**
- 3. Gabriel Ciobanu, **Eneia Nicolae Todoran**, "A Process Calculus for Spiking Neural P Systems", Information Sciences, vol.604, pp. 298-319, Elsevier, 2022. **[Q1]**
- 4. **Eneia Nicolae Todoran**, Nikolaos Papaspyrou, "Concurrency Semantics in Continuation-Passing Style", Fundamenta Informaticae, vol. 153(1-2), pp. 125-146, IOS Press, 2017. **[Q3]**
- 5. Gabriel Ciobanu, **Eneia Nicolae Todoran**, "Denotational Semantics of Membrane Systems by using Complete Metric Spaces", Theoretical Computer Science, vol. 701, pp. 85-108, Elsevier, 2017. **[Q4]**
- 6. Gabriel Ciobanu, **Eneia Nicolae Todoran**, "Correct metric semantics for a language inspired by DNA computing", Concurrency and Computation: Practice and Experience, vol. 28(11), pp. 3042-3060, Wiley, 2016. **[Q2]**
- 7. Gabriel Ciobanu, **Eneia Nicolae Todoran**, "Continuation Semantics for Asynchronous Concurrency", Fundamenta Informaticae, vol. 131(3-4), pp. 373-388, IOS Press, 2014. **[Q3]**
- 8. Gabriel Ciobanu, **Eneia Nicolae Todoran**, "Continuation semantics for concurrency with multiple channels communication", Proc. of 17th Int. Conference on Formal Engineering Methods (ICFEM 2015), LNCS, vol. 9407, pp. 400-416, Springer, 2015. **[ICFEM - rang B]**
- 9. **Eneia Nicolae Todoran**, Nikolaos Papaspyrou, "Continuations for Parallel Logic Programming", Proc. 2nd ACM-SIGPLAN International Conference on Principles and Practice of Declarative Programming (PPDP 2000), pp. 257-267, ACM Press, 2000. **[PPDP - rang B]**
- 10. **Eneia Nicolae Todoran**, "Metric Semantics for Synchronous and Asynchronous Communication: a Continuation-Based Approach", Fundamentals of Computation Theory (FCT 1999), Workshop on Distributed Computing, Electr. Notes in Theoretical Comp. Sci., vol. 28, pp. 101-127, Elsevier, 2000. **[FCT - rang A]**
- 11. **Eneia Nicolae Todoran**, Jerry den Hartog, Erik de Vink, "Comparative Semantics for Commit in Or-Parallel Logic Programmng", Proc. of Int. Logic Programming Symposium (ILPS 1997), pp. 101-115, MIT Press, 1997. **[ILPS - rang A]**
- **24 articole stiintifice** publicate in volume de **conferinte** indexate **ISI Proceedings**
- **7 articole stiintifice** publicate in volume de **conferinte** indexate **BDI** (Scopus, IEEE, DBLP)
- **20 articole stiintifice** publicate in **reviste B+**
- **11 articole stiintifice** publicate in volume **conferinte internationale neindexate**
- **5 rapoarte tehnice de cercetare** publicate la Academia Romana

Proiecte cercetare

Activitate manageriala in proiecte de cercetare (internationale sau nationale) in calitate de **director, responsabil sub-proiect** sau membru in **comitet managerial**:

- SemNat: Semantic Models and Technologies for Natural Computing - Capabilities, Module 3, Greece-Romania bilateral collaboration project, no. 582/2012; Dr. N. Papaspyrou – co-director (National Technical University of Athens), **Prof.dr. E.N. Todoran – co-director** (2012-2014)
- Brained City- Dezvoltarea Inovativa prin Informatizare a Ecosistemului Urban Cluj-Napoca – proiect POSCCE, nr. 13.C01.010, cod SMIS 49752; Conf.dr. Paulina Mitrea – director proiect; Sub-proiect "Trafic intelligent", **Prof.dr. E.N. Todoran – responsabil sub-proiect** (2014-2015)
- BETTY: Behavioral Types for Reliable Large-Scale Software Systems - ICT COST Action IC1201, Management **Committee members for Romania**: Prof.dr. Gabriel Ciobanu, **Prof.dr. E.N. Todoran** (2012-2016) http://eprints.ugd.edu.mk/10270/1/progress_report-IC1201.pdf
- GlobalComp: Modele, semantici, logici si tehnologii pentru calcul global - ANCS, CNMP-PC, Contract nr. 11-052/2007; **E.N. Todoran – director** (2007-2010)
- Tehnici semantice in dezvoltarea sistemelor concurente, Contract 27702 / 2005, 2930 / 2006, Cod CNCISIS 932, **E.N. Todoran - director** (2005-2007)

**Organizare conferinte,
activitati editoriale**

Referent (reviste ISI): Fundamenta Informaticae (FI, 2016-2017), Journal of Logic Programming (JLP, 2000), **Referent** Springer Journal on Membrane Computing (2018); Mathematical Reviews (2015-2022): referate (pentru **reviste ISI**): Theoretical Computer Science (TCS), Theory and Applications of Math. & Computer Science (TAMCS), Journal of Logical and Algebraic Methods in Programming (JLAMP), Information and Computation (IC)
Membri comitet program: IEEE SYNASC 2016-2020 si 2008-2010, IEEE ICCP 2013-2023
Organizator principal (Chairman): IEEE SYNASC GlobalComp Workshop 2008 (ISI Proceedings)

**Granturi,
vizite profesionale**

National Technical University, Athens: 2012 si 2013 proiect bilateral (cate 2 saptamani), 2002 proiect bilateral (1 luna), 1999 proiect Tempus (2 luni)
Free University, Amsterdam: 1995 proiect Tempus (2 luni), 1997 grant NUFFIC (1 luna)

**Limbi
straine**

Engleza, Franceza

Cluj-Napoca
08.03.2024

Prof.dr.ing. Eneia Nicolae Todoran