



Europass Curriculum Vitae

Informatie personala

Nume si prenume **Eneia Nicolae Todoran**
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Nationalitate Română
Data nasterii 4 septembrie, 1963
Sex Masculin

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 membranas
Inginerie software si metode formale, model checking

Publicatii stiintifice

4 carti arti si 68 articole stiintifice publicate in calitate de autor unic sau autor principal (<http://users.utcluj.ro/~eneia/pub.htm>), dintre care:

- 8 articole publicate in jurnale ISI sau in volumele unor conferinte de rang A sau B astfel:
 - 2 articole publicate in jurnale ISI din zona Q2 (Web of Science)
 - 2 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. Eneia Nicolae Todoran, Nikolaos Papaspyrou, "Concurrency Semantics in Continuation-Passing Style", Fundamenta Informaticae, vol. 153(1-2), pages 125-146, IOS Press, 2017. [Q2]
 - 2. Gabriel Ciobanu, Eneia Nicolae Todoran, "Denotational Semantics of Membrane Systems by using Complete Metric Spaces", Theoretical Computer Science, vol. 701, pages 85-108, Elsevier, 2017. [Q4]
 - 3. Gabriel Ciobanu, Eneia Nicolae Todoran, "Correct metric semantics for a language inspired by DNA computing", Concurrency and Computation: Practice and Experience, vol. 28(11), pages 3042-3060, 2016. [Q3]
 - 4. Gabriel Ciobanu, Eneia Nicolae Todoran, "Continuation Semantics for Asynchronous Concurrency", Fundamenta Informaticae, vol. 131(3-4), pages 373-388, IOS Press, 2014. [Q2]
 - 5. Gabriel Ciobanu, Eneia Nicolae Todoran, "Continuation semantics for concurrency with multiple channels communication", Proceedings of 17th International Conference on Formal Engineering Methods (ICFEM 2015), Lecture Notes in Computer Science, vol. 9407, pages 400-416, Springer, 2015. [ICFEM - rang B]
 - 6. Eneia Nicolae Todoran, Nikolaos Papaspyrou, "Continuations for Parallel Logic Programming", Proceedings of 2nd ACM-SIGPLAN International Conference on Principles and Practice of Declarative Programming (PPDP 2000), pages 257-267, ACM Press, 2000. [PPDP - rang B]
 - 7. 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, pages 101-127, Elsevier, 2000. [FCT - rang A]
 - 8. Eneia Nicolae Todoran, Jerry den Hartog, Erik de Vink, "Comparative Semantics for Commit in Or-Parallel Logic Programming", Proceedings of Int. Logic Programming Symposium (ILPS 1997), pages 101-115, MIT Press, 1997. [ILPS - rang A]
- 24 articole stiintifice publicate in volumele unor conferinte de rang C (indexate Scopus + IEEE / Scopus + DBLP, dintre acestea 14 articole sunt indexate si ISI Proceedings)
 - 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 recente (internationale sau nationale) ca director, responsabil sub-proiect sau membru in comitet managerial:

- SemNat: Semantic Models and Technologies for Natural Computing – Greek Romanian bilateral collaboration; Romanian team: Prof.dr. E. N. Todoran – co-director; Greek team (National Technical University, Athens): Dr. Nikolaos Papaspyrou – co-director (2012-2014) <http://www.mct.ro/ro/articol/2694/program-romania-grecia>
- 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 (2014-2015) <https://www.clujit.ro/next-generation-brained-city/>; Sub-proiect "Trafic intelligent"; Prof. Dr. E.N. Todoran – responsabil sub-proiect
- BETTY: Behavioral Types for Reliable Large-Scale Software Systems - ICT COST Action IC1201 http://eprints.uq.edu.au/10270/1/progress_report-IC1201.pdf, http://www.cost.eu/domains_actions/ict/Actions/IC1201; Management Committee members for Romania: Prof.dr. Gabriel Ciobanu, Prof.dr. E.N. Todoran (2012-2016)
- GlobalComp: Modele, semantici, logici si tehnologii pentru calcul global, ANCS, CNMP-PC, Contract nr. 11-052/2007; E.N. Todoran – director (2007-2010) <http://users.utcluj.ro/~eneia/wgc.htm>
- 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 (2015-2020):** 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)
Membru comitet program: IEEE SYNASC 2016-2019 si 2008-2010, IEEE ICCP 2013-2019
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
28.01.2020

Prof.dr.ing. Eneia Nicolae Todoran