

Date of the CVA

18/06/2019

Section A. PERSONAL DATA

Name and Surname	Vazou Niki		
NIE	Y6865305-A	Age	
Researcher's identification number	Researcher ID		
	Scopus Author ID		
	ORCID	0000-0003-0732-5476	

A.1. Current professional situation

Institution	FUNDACION IMDEA SOFTWARE		
Dpt. / Centre			
Address			
Phone	+34666821182	Email	niki.vazou@imdea.org
Professional category	Research Assistant Professor	Start date	2018
UNESCO spec. code			
Keywords			

A.2. Academic education (Degrees, institutions, dates)

Bachelor/Master/PhD	University	Year
Computer Science	University of California, San Diego	2016

A.3. General quality indicators of scientific production

JCR articles, h Index

In my field, conference publications are the primary way of disseminating novel results. My conference publications include, among others:

- 6 papers with conferences CORE rank A * (flagship): 2 ICFP, 2 POPL, 1 PLDI and 1 OOSPLA.
- 2 papers with conferences CORE rank A (excellent): 2 ESOP.

CORE conference rankings are available at core.edu.au. I have published at the flagship conferences in functional programming (ICFP), programming language theory (POPL), and object-oriented programming (OOSPLA).

Key metrics according to Google Scholar

- h-index: 8
- Total number of citations: 406

Section B. SUMMARY OF THE CURRICULUM

I am an Assistant Research Professor at the IMDEA Software Institute in Madrid.

I obtained my PhD in 2016 from University of California, San Diego.

Before joining IMDEA in 2018, I held a postdoc position at the University of Maryland, College Park.

During my PhD, I interned at Awake Security and Microsoft Research Redmond and Cambridge.

My research interests are on functional programming, type systems, and automated verification.

My most influential project is Liquid Haskell, an extension to the Haskell programming language into a useful and usable theorem prover.

During my seven years of research activity I published 12 papers in highly prestigious conferences, including POPL, PLDI, ICFP, ESOP, VMCAI, and Haskell Symposium.

My h-index is 8 and I have 406 citations.

I have given keynotes to functional conferences, including Haskell eXchange and Zurihac, and invited talks at more than 10 universities. Further, I have participated in Working Groups, Dagstuhl and Shonan invitation only seminars.

I have been awarded the Microsoft Research Graduate Research Fellowship (for years 2014-2016) and won the UCSD CSE Gradual Award at 2015.

In 2018, I received a best paper award at OOPSLA for the paper Gradual Liquid Type Inference.

Scientific Service.

I am a member of the Haskell Symposium steering committee and the Haskell.Org committee.

I have chaired the Student Research Competition of POPL 2019 and the Haskell Impementor Workshop of ICFP 2019.

I have co-chaired the Programming Languages and Analysis for Security 2019, the Type-Driven Development Workshop and the Programming Languages Mentoring Workshop and ICFP 2018.

Since 2016, I have been a member of 18 committees, including POL 2019, ICFP 2018, and ESOP 2018.

Teaching and supervising. I have so taught 2 courses at University of Maryland and an one week workshop for Clubs of Science in Mexico. I have mentored 5 undergraduate and 2 graduate students.

Section C. MOST RELEVANT MERITS (ordered by typology)

C.1. Publications

C.2. Participation in R&D and Innovation projects

C.3. Participation in R&D and Innovation contracts

C.4. Patents