

CV

Silvia Ghilezan

(as of 06/20)

Silvia Ghilezan, Ph.D., is a Professor of Mathematics at the University of Novi Sad and Mathematical Institute, Belgrade. On several occasions, she has held visiting positions at University of Oregon, USA, École Normale Supérieure de Lyon, France, University of Turin, Italy, Radboud University, The Netherlands and McGill University, Canada. She is the founder and the Head of the Center for Mathematics and Statistics. She is lecturing at all three levels of higher education in Serbia, as well as abroad.

Major lines of her research, professional work and expertise are in type theory, formal methods and mathematical logic with application to programming languages, theoretical computer science, concurrent and distributed systems and mathematical linguistics. Her most recent research interest focuses on formal methods for privacy in large scale systems, computer assisted mathematical reasoning, semantics of emerging and open technologies.

Dr. Ghilezan has initiated, assembled consortia, project managed and successfully completed several scientific and educational projects under national and international programs (FP, H2020, COST, Erasmus+, Tempus, bilateral). She has provided both scientific and technical consultancy and undertaken several international project reviews and evaluations (France, Italy, The Netherlands). Currently, she is a PI of the national project “Representations of logical structures and formal languages and their application in computing”, an MC and member of the COST Action CA19122 “European Network for Gender Balance in Informatics” and a Core Group member of the Erasmus+ project “BE-OPEN - Boosting Engagement of Serbian Universities in Open Science”.

Her considerably many research articles with over sixty co-authors are published in leading scientific journals (Theoretical Computer Science, Journal of Functional Programming, Journal of Logical and Algebraic Methods in Programming, Journal of Logic and Computation, Notre Dame Journal of Formal Logic, Journal of Computer and System Sciences, among others) and have been communicated at renowned conference (POPL- ACM Principles of Programming Languages, PPDP- Principles and Practice of Declarative Programming, TLCA- Typed Lambda Calculus and Application, LPAR - Logic Programming and Artificial Reasoning, ICTAC – Theoretical Aspects of Computing, TGC – Trustworthy Global Computing, among others).

Dr. Ghilezan acts as a program committee member of prestigious international conferences (FSCD, ICFP, FM, PPDP, TLCA, TYPES) and is a guest speaker at leading universities worldwide. She has supervised several doctoral theses, including two theses en-cotutelle, and serves as an international jury member for doctoral theses. She has significant activities in popularization and dissemination of science with wider impact on society. She has provided advisory for enterprises and industry. In 2013, Dr. Ghilezan was knighted in the Chevalier de l'Ordre des Palmes Académiques of the French Republic.

Specific to the FSCD topics. In the FSCD/TLCA/TYPES community Dr. Ghilezan has been active since 1991, the Jumelage meeting held in Paris. Dr. Ghilezan was actively engaged in the FP6 project TYPES – Types for Proofs and Programs (2004-2008) as a site representative. She was an MC and CG member of the recently completed COST Action CA15123 “EUTypes - European Research Network on Types for Programming and Verification” (2015-2020). She was a co-PI of several bilateral project between Serbia and France, Serbia and Italy in the domains covered by FSCD. In 2011, she was the Conference Chair of RDP 2011, organised in Novi Sad, Serbia, which comprised TLCA 2011 and RTA 2011 and affiliated workshops. In 2016, she was the Program Committee Chair and the General Chair of TYPES 2011 and affiliated workshops held in Novi Sad, Serbia. She was a Programme Committee Chair of ITRS 2008, Turin, Italy and HOR 2019, Dortmund, Germany. She acted as a TYPES Steering Committee member (2016-2019). She has been a PC member of FSCD 2021, FSCD 2020 and FSCD 2017, as well as of TLCA 2015 and TLCA 2011.

More information is available at the web page <http://imft.ftn.uns.ac.rs/~silvia>