Lista de lucrări

a) Lista celor mai relevante lucrări

- Diana-Elena Gratie, *Refinement of biomodels using Petri Nets*, TUCS Dissertations No. 216, 2016
- Bogdan Iancu, Diana-Elena Gratie, Sepinoud Azimi, Ion Petre, *On the Implementation of Quantitative Model Refinement*. In: Algorithms for Computational Biology. Adrian-Horia Dediu, Carlos-Martin Vide, Bianca Truthe (Eds.). **Lecture Notes in Computer Science Springer** 8542, 95-106, 2014
- Diana-Elena Gratie, Bogdan Iancu, Ion Petre, *ODE analysis of biological systems*. In: Formal Methods for Dynamical Systems. Marco Bernardo, Erik de Vink, Alessandra Di Pierro, Herbert Wiklicky (Eds.), **Lecture Notes in Computer Science** 7938, Springer, 29-62, 2013.
- Diana-Elena Gratie and Cristian Gratie. *Composition colored Petri nets for the refinement of reaction-based models*. **Electronic Notes in Theoretical Computer Science**, Vol. 326C, pp. 51 – 72, 2016
- Diana-Elena Gratie, Ion Petre. *Full structural model refinement as type refinement of colored Petri nets*. In: Proceedings of the 6th International Workshop on Biological Processes and Petri Nets. Monika Heiner, Annegret K. Wagler (Eds.), **CEUR Workshop Proceedings** 1373, 70–84, 2015
- Diana-Elena Gratie, Ion Petre, *Hiding the combinatorial state space explosion of biomodels through colored Petri nets*. **Analele Universităţii din Bucureşti**. Editura Universităţii din Bucureşti, LXI:23-41, 2014

b) Teza de doctorat
- Diana-Elena Gratie, *Refinement of biomodels using Petri Nets*, TUCS Dissertations No. 216, 2016

c) Brevete de inventive şi alte titluri de proprietate industrială
-

d) Cărţi şi capitole în cărţi
- Diana-Elena Gratie, Bogdan Iancu, Sepinoud Azimi, Ion Petre, *Quantitative model refinement in four different frameworks*. In: From Action Systems to Distributed Systems: The Refinement Approach. Luigia Petre, Emil Sekerinski (Eds.). **Taylor and Francis Group**, 201-214, 2016
- Sepinoud Azimi, Eugen Czeizler, Cristian Gratie, Diana Gratie, Bogdan Iancu, Nebiat Ibssa, Ion Petre, Vladimir Rogojin, Tolou Shadbahr, Fatemeh Shokri, *An Excursion Through Quantitative Model Refinement*. In: Membrane Computing. Grzegorz Rozenberg, Arto Salomaa, José M. Sempere, Claudio Zandron (Eds.). **Lecture Notes in Computer Science** 9504, Springer, 25-47, 2015
- Bogdan Iancu, Diana-Elena Gratie, Sepinoud Azimi, Ion Petre, *On the Implementation of Quantitative Model Refinement*. In: Algorithms for Computational Biology. Adrian-Horia Dediu, Carlos-Martin Vide, Bianca Truthe (Eds.). **Lecture Notes in Computer Science Springer** 8542, 95-106, 2014
- Diana-Elena Gratie, Bogdan Iancu, Ion Petre, *ODE analysis of biological systems*. In: Formal Methods for Dynamical Systems. Marco Bernardo, Erik de Vink, Alessandra Di Pierro, Herbert Wiklicky (Eds.), **Lecture Notes in Computer Science** 7938, Springer, 29-62, 2013.

e) Articole/studii *in extenso* publicate în reviste din fluxul ştiinţific internaţional principal
-

f) Articole/studii *in extenso* apărute în lucrări ale principalelor conferințe internaționale de specialitate
   -

g) Alte lucrări și contribuții științifice
   - Diana-Elena Gratie, Marjaana Puurtinen, Erno Lehtinen, *Playing profiles in a mathematics game based on eye movement and game log data*, In: Daniel Barratt, Raymond Bertram, Marcus Nyström, (Eds.). Abstracts of the Scandinavian Workshop on Applied Eye Tracking (SWAET 2018). **Journal of Eye Movement Research**, 11(5), Bern Open Publishing, 2018
   - Diana-Elena Gratie and Cristian Gratie. *Composition colored Petri nets for the refinement of reaction-based models.* **Electronic Notes in Theoretical Computer Science**, Vol. 326C, pp. 51 – 72, 2016
   - Diana-Elena Gratie, Ion Petre. *Full structural model refinement as type refinement of colored Petri nets*. In: Proceedings of the 6th International Workshop on Biological Processes and Petri Nets. Monika Heiner, Annegret K. Wagler (Eds.), **CEUR Workshop Proceedings** 1373, 70–84, 2015
   - Diana-Elena Gratie, Ion Petre, *Hiding the combinatorial state space explosion of biomodels through colored Petri nets. **Analele Universității din București**.* Editura Universității din București, LXI:23-41, 2014

17.07.2020

Gray