

NCMA 2023 SEPTEMBER 18 - 19 , 2023

17. Sept: 19:15 GET TOGETHER DINNER AT SALAMIS HOTEL (RESERVED TABLE)

18 September 2023 MONDAY

08:15 – 09:00 REGISTRATION

09:00 – 09:10

Welcome Speech: **BENEDEK NAGY** / Conference (Co-)Chair, Eastern Mediterranean University

09:10 – 10:10

CHAIR: *Henning Bordihn*

Invited/Plenary Speech: **GYÖRGY VASZIL**

Membrane Computing and Petri Nets

10:10 – 10:30 C O F F E E B R E A K

SESSION A

SESSION CHAIR	<i>Nelma Moreira</i>	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
10:30 – 10:55	Formalizing BPE Tokenization	Martin Berglund / Brink van der Merwe
10:55 – 11:20	Generating Semantic Graph Corpora with Graph Expansion Grammar	Eric Andersson / Johanna Björklund, Frank Drewes, Anna Jonsson
11:20 – 11:45	Deterministic Real-Time Tree-Walking-Storage Automata	Martin Kutrib / Uwe Meyer
11:45 – 12:10	Constituency Parsing as an Instance of the M-monoid Parsing Problem	Richard Mörbitz
12:10 – 12:23	A Note on the Distinguishability Operation	Cezar Campeanu / Cezar A. Campeanu, Matthew Kozma

12:23 – 13:20 L U N C H B R E A K

SESSION B

SESSION CHAIR	<i>Ömer Egecioglu</i>	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
13:20 – 13:45	Forgetting 1-Limited Automata	Luca Prigioniero / Giovanni Pighizzini
13:45 – 14:10	Sweeping Permutation Automata	Maria Radionova , Alexander Okhotin

14:10 – 14:30 C O F F E E B R E A K

14:30 – 14:55 MITRANA 65 online session

15:00 – SOCIAL PROGRAM, BUS STARTS FROM THE FRONT OF THE BUILDING

NCMA 2023 SEPTEMBER 18 - 19 , 2023

19 September 2023 TUESDAY

08:30 – 09:00

REGISTRATION

SESSION C

SESSION CHAIR	<i>György Vaszil</i>	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
9:00 – 9:25	Final Sentential Forms	Zbynek Krivka / Tomáš Kožár, Alexander Meduna
9:25 – 9:50	Ordered Context-Free Grammars Revisited	Brink van der Merwe
9:50 – 10:15	On Languages Generated by Signed Grammars	Ömer Egecioglu / Benedek Nagy
10:15 – 10:28	On some Closure Properties of Sticker Systems	Matthias Wendlandt

10:28 – 10:45

COFFEE BREAK

SESSION D

SESSION CHAIR	<i>Martin Berglund</i>	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
10:45 – 11:10	Merging two Hierarchies of Internal Contextual Grammars with Subregular Selection	Bianca Truthe
11:10 – 11:35	Latvian Quantum Finite State Automata for Unary Languages	Priscilla Raucci / Carlo Mereghetti, Beatrice Palano
11:35 – 11:48	Automata Based Stream Cipher and Pseudorandom Number Generators	Souhail Chebeb / Géza Horváth

11:50 – 12:50

CHAIR: *Benedek Nagy*

Invited/Plenary Speech: **FRIEDRICH OTTO**

A Survey on Automata with Translucent Letters

12:50 – 13:00

CLOSING REMARKS

13:00 –

LUNCH BREAK

END OF NCMA WORKSHOP