

Nice, 5-7 June 2024

MCU 2024

PROGRAM

General information

About talks length

Invited: 50 minutes plus 10 minutes for questions

Regular: 35 minutes plus 10 minutes for questions

Short: 15 minutes plus 5 minutes for questions

About lunch

If weather is good, lunch is a buffet served in the garden of the Villa Arson, please follow directions while exiting on the back of the conference hall or just follow one of the organizers. In case of rain, the lunch will be served in a room close to the conference hall (follow the directions from the main entrance near the main screen). If you have any dietary restriction, please ask the waiters or the organizers for informations.

About conference dinner

The conference dinner will be on Thursday 6 June at 20 o'clock. The dinner will take place at the restaurant 'Marcel Bistro Chic', 11 rue de L'Abbaye, 06300 Nice. The gathering point at 20:00 is on the street in front of the restaurant. Please do not enter before 20:00 to avoid confusion.

Talks schedule

Wednesday, 5 June 2024	
11:20 11:30	Opening of MCU 2024
11:30 12:30	Visit of Villa Arson art expositions (and closing of CMC 2024)
12:30 14:00	Lunch
14:00 15:00	Antonio E. Porreca Unconventional Complexity Classes in Unconventional Computing
15:00 15:20	Coffée break
15:20 15:40	Bilal Abdallah and Benedek Nagy On Concatenations of Regular Circular Word Languages
15:40 16:00	Giuliamaria Menara and Luca Manzoni Computing Eulerian Magnitude Homology

Thursday, 6 June 2024	
09:30 10:30	Maurice Margenstern (University of Lorraine, France) Meadows in the heptagrid
10:30 11:15	Henning Fernau, Lakshmanan Kuppusamy and Indhumathi Raman Succinct Star-Controlled Insertion-Deletion Systems Using Space Separating Normal Forms
11:15 11:35	Coffée break
11:35 12:20	Joss Chapman, Markus Holzer and Petra Wolf On Switching Finite State Automata
12:20 13:05	R. Anderson, A. Avila, B. Fu, T. Gomez, E. Grizzell, A. Massie, G. Mukhopadhyay, A. Salinas, R. Schweller, E. Tomai and T. Wylie Computing Threshold Circ. with Void Reactions in Step Chem. React. Net.
13:05 14:00	Lunch
14:00 15:00	Daniela Genova (University of North Florida, USA) Reaction Systems: Structures and Equivalences
15:00 15:45	Artiom Alhazov, Rudolf Freund, Sergiu Ivanov and Sergey Verlan Universality of Turing Tumble of Finite Size
15:45 16:05	Coffée break
16:05 17:05	Nicolas Schabanel (Ecole Normale Supérieure de Lyon, France) ENSnano: Building nanoshapes to compute, Computing to build nanoshapes
17:05 17:50	András Murvai and György Vaszil On the Power of Small Watson-Crick Automata and Variants of String Assembling Systems
17:50 18:10	Henning Fernau, Lakshmanan Kuppusamy and Indhumathi Raman Counting Simple Rules in Semi-Conditional Grammars Is Not Simple
18:10 19:10	MCU steering committee meeting

Friday, 7 June 2024	
09:00 10:00	Svetlana Puzynina (University of Saint Petersburg (Russia)) Complexity of infinite words
10:00 10:45	D. Orellana-Martín, Á. Romero-Jiménez, A. Riscos-Núñez and M. J. Pérez-Jiménez From Petri Nets to Virus Machines
10:45 11:30	Didier Caucal and Chloe Rispal On the Powers of the Collatz Function
11:30 11:50	Coffée break
11:50 12:35	Zornitza Prodanoff, Iliya Kulbaka and Natasha Interlichia On the Entanglement and Mixedness of Quantum Boolean Function Circuits
12:35 12:45	Closing of MCU 2024