



HELLENIC REPUBLIC
**National and Kapodistrian
University of Athens**
— EST. 1837 —

3rd Symposium on “Hypercompositional Algebra-new Developments and Applications”

1st day 12.6.2023

9.30 Opening the event

9.45 Christos Massouros, Comments on certain classes of hyperfields and hyperrings

10.30 Violeta Fotea, The fuzzy degree of a genetic hypergroup

11.15 Andromeda Sonea, An application of hyperstructures in the simple mendelian dominance

11.45 Hashem Bordbar, Some notes on regular local hyperrings and hyperdomains

Break

13.45 Spyridon Vossos, Elias Vossos and Christos Massouros, Approaching General Relativity with methods and tools from the Special Relativity

14.15 Vasileios Migkos, Christos Massouros, On the rev-transposition hypergroups

15.00 End of first day sessions

2nd day 13.6.2023

9.30 Šarka Mayerova, On subpolygroup commutativity degree of finite polygroups

10.00 Štepan Krehlik, Parameters of hyperstructural model for autonomous car navigation

10.30 Hanna Stojalowska, The order relation in real Krasner quotient hyperfields

11.15 Piotr Błaszkiwicz, Towards model theory of hyperfields

11.45 End of second day sessions

3rd day 14.6.2023

9.30 Gerasimos Massouros, Hypercompositional Algebra and Theoretical Machines

10.00 Nicolo Cangiotti, Hypercompositional structures and quantum logic, I

10.30 Alessandro Linzi, Hypercompositional structures and quantum logic, II

11.15 Sanja Jančić-Rašović, Srdjan Kadić, An extension of the study on P1-P2 hypernear-rings

11.45 Anton Nuculovic, Hyperrings of polynomials

12.15 Irina Cristea, Arithmetic functions on hypergroups

12.30 Round table and closing remarks