

PROGRAM of 12th AHA 2014

2.9.2014-7.9.2014

2.9.2014

Tuesday Arrival Day

19.00-20.30 **Registration**

21.00 **Welcome Party at Motel “Natassa”**

3.9.2014

Wednesday Lectures - Presentations

08.30-09.30 **Registration**

09.30-10.00 **Opening Ceremony**

10.00-11.00 **P. Corsini:**

Hyperstructures: Prolegomena, History, Themes of Research

11.00-11.30 Coffee Break

Chair: [P.Corsini](#) – [S. Hoskova](#)

11.30-12.00 **M. M. Zahedi, H. Bordbar, R. A. Borzoei:**

Closure Operations in BCK Algebra

12.00-12.30 **I. Cristea:**

Reducibility in hypergroups-the crisp and fuzzy cases

12.30-13.00 **J. Chvalina, S. Krehlik, M. Novak:**

Homomorphisms of EL-hyperstructures

based on a certain classical transformation

13.00-17.00 Siesta

Chair: [T. Vougiouklis](#) – [I.Cristea](#)

17.00-17.30 **D. Chillemi:**

Increase Online Eminence

with Social Media and Systems of Engagement

17.30-18.30 **Violeta Leoreanu-Fotea:**

Connections between lattices, hyperlattices, multilattices
and Hyperstructures

18.30-19.00 Coffee Break

Chair: [M.M. Zahedi](#) – [A. Taghavi](#)

19.00-19.30 **T. Vougiouklis:**

H_γ -Lie Algebras and their Representations

- 19.30-20.00 **R. A. Borzoei, A. Radfar, S. Niazian:**
Hyper MV-algebras Induced by Hyperlattices
- 20.00-20.30 **R. Migliorato:**
Roots of Scientific Thought in the Ancient Greek World

4.9.2014

Thursday Lectures - Presentations

Chair: [V. Fotea](#) – [B. Ersoy](#)

- 09.00-10.00 **Reza Ameri:**
On Algebraic Structures
Derived from Algebraic Hyper-structures
- 10.00-10.30 **S. Hoskova-Mayerova, A. Maturo:**
An analysis of Social Relations and Social Group behaviors
with fuzzy sets and hyperstructures
- 10.30-11.00 **S. Spartalis, A. Kalampakas:**
Graph Hyperstructures

11.00-11.30 Coffee Break

Chair: [B. Davvaz](#) – [P. Rackova](#)

- 11.30-12.00 **B. A. Ersoy, S. Onar, B. Davvaz, V. L. Fotea:**
Fuzzy Γ -Hyperideals in Γ -Hypersemirings
by Using Triangular Norms
- 12.00-12.30 **C. Pelea:**
Fundamental Relations in Multialgebras. A Survey.
- 12.30-13.00 **A. Taghavi, R. Hosseinzadeh, H. Rohi:**
Hyperinner Product Spaces

13.00-17.00 Siesta

Chair: [R. Ameri](#) – [S. Breaz](#)

- 17.00-18.00 **Bijan Davvaz:**
The role of fundamental relations in algebraic Hyperstructures
- 18.00-18.30 **H. Bordbar, M.M. Zahedi, R.A. Borzoei:**
Some Properties of Closure Operation
on (Noetherian) BCK-Algebra

18.30-19.00 Coffee Break

Chair: [M. Konstantinidou](#) - [A. Borzoei](#)

- 19.00-19.30 **S. Breaz:**
Products of Hypergroupoids Associated to Binary Relations

- 19.30-20.00 **A. Radfar, A. Borumand Saeid, A. Rezaei:**
Commutative Hyper BE -Algebras
- 20.00-20.30 **R. Ameri, R.A. Borzooei, K. Ghadimi:**
On Representation of Polygroups

5.9.2014

Friday Day trip in Thassos Island

- 08:30 Departure from Natassa Motel
(<http://aha2014.pme.duth.gr/Day%20trip%20in%20Thassos%20island.pdf>)
- 22:00 Arrival at Natassa Motel - snacks

6.9.2014

Saturday Presentations

Chair: [A. Maturo](#) – [A. Ventre](#)

- 09.00-09.30 **P. Rackova:**
Properties of Generalized Multiautomata
- 09.30-10.00 **T. Changphas, B. Davvaz:**
Hyperideal theory in ordered semihyperrings
- 10.00-10.30 **A. Dramalidis:**
On some cases of H_V -matrix representations
over a multiplicative H_b -field
- 10.30-11.00 **A. Kalampakas, N. Triantafyllou, K. Ksystra, P. Stefaneas:**
The Picture Hyperoperation

11.00-11.30 Coffee Break

Chair: [R. Migliorato](#) – [S. Spartalis](#)

- 11.30-12.00 **M. Novak, S. Krehlik:**
Several aspects of generalizing one construction
of hyperstructures from binary quasi-ordered semigroups
- 12.00-12.30 **N. Antampoufis:**
 s_2 - H_V -Structures and s_2 -Hyperstructures
- 12.30-13.00 **M. Adam, N. Assimakis, A. Ilias, E. Tepelidou, G. Tziallas:**
Generalized k, m -step Fibonacci sequences and matrices

13.00-17.00 Siesta

Chair: [A. Rezaei](#) – [A. Kalampakas](#)

- 17.00-17.30 **P. Nikolaidou, T. Vougiouklis:**
Hyperstructures in Questionnaires

- 17.30-18.00 **A. Radfar, A. Borumand Saeid, A. Rezaei:**
Some Results on Hyper BE -Algebras
- 18.00-18.30 **N. Antampoufis, A. Dramalidis:**
On a Sequence of Finite H_V -Groups

18.30-19.00 Coffee Break

Chair: [A. Dramalidis](#) – [A. Taouktsoglou](#)

- 19.00-19.30 **B. Pibaljomme, B. Davvaz:**
Some study of several kinds of fuzzy hyperideals
in ordered semihypergroups
- 19.30-20.00 **AAA Agboola:**
Neutrosophic Hypervector Spaces
- 20.00-20.30 **A. Saleem, M. Aslam:**
Bi- Γ -hyperideals of Γ -semihypergroups
based on intuitionistic fuzzy points

21.00 **Farewell Party at Restaurant “Xanthipi”**

7.9.2014

Sunday Presentations - Departure Day

Chair: [N. Antampoufis](#) - [K. Skoulariki](#)

- 09.00-09.30 **M. Scafati Tallini:**
The theory of hypervector spaces
- 09.30-10.00 **M. Shabbir, S. Shaheen:**
Prime and Semiprime Hyper-S-subacts
- 10.00-10.30 **Y. Feng:**
Hyperoperations defined on topological space
- 10.30-11.00 **S. Jancic Rasovic:**
On a Class of Polynomial and Composition Hyperrings

11.00-11.30 Coffee Break

Chair: [M. Scafati Tallini](#) – [Y. Feng](#)

- 11.30-12.00 **A. Juhasz:**
On equations over groups and their solution sets
- 12.00-12.30 **A. L. Vicedo, J. Vilela, B. Davvaz:**
Fuzzy Hyper KS-semigroups

13:00 **End of the Conference**

Important Notice :

5-10 min of each presentation must be considered as time for discussion