THALES WORKSHOP

1 – 3 JULY 2015, ATHENS, GREECE

	Wednesday, July 1st	Thursday, July 2nd	Friday, July 3rd	
09:00 – 09:45	Registration **Poster Session** **Opening Talks**	**Poster Session** **D. Theodorou** Entanglements in Molecular Simulations of Polymers	**Poster Session** **P. Stefaneas** On Algebraic Modeling of Computational Structures	
09:45 – 10:30	**Louis H. Kauffman** Elements of Khovanov Homology	**K. Millett** Models of Knotting and Linking in Polymeric Systems	**S. Bozapalidis** (title to be confirmed)	
10:30 – 10:50	Coffee break	Coffee break	Coffee break	
10:50 – 11:35 11:40 – 12:25	**L. Paris** Word problem for virtual braid groups	**E. Panagiotou** A study of the entanglement in systems of curves with Periodic Boundary Conditions	**K. Ksystra** Integrating Athena with CafeOBJ using tool support **Y. Kiouvrekis** Fixed Point Logics as Institutions	**N. Triantafyllou** Integrating Algebraic specifications with Design by Contract **M. Dimarogona** (to be confirmed)
	S. Lambropoulou A new skein invariant for classical links from the Yokonuma-Hecke algebras	**D. Tsalikis** Threading of ring poly(ethylene oxide) molecules by linear chains or other rings in the melt: molecular dynamics simulations followed by a geometric analysis	**J. Beziau** The way to universal logic **N. Angius** Semantic Theories for Software Systems	
12.30 – 13.15	**L. Poulain d' Andecy** Classification of Markov traces on Yokonuma-Hecke algebras	**C. Tzoumanekas** Chain Size and Shape Dependence of the Tendency for Entanglement in Linear Polymer Melts	**A. Alencar** Some Ideas on IT Investment Analysis **P. Kavassalis** (to be confirmed)	
13.15 – 14.00	Lunch	Lunch	Lunch	
14.00 – 14.20	**D. Goundaroulis** Framization of the Temperley-Lieb algebra	**S. Antoniou** Extending topological surgery to natural processes and connecting with the dynamical system	**E. Berki** Formal methods and Open Standards	

14.25 – 14.45	**D. Kodokostas** Quotient algebras of mixed braid groups with two fixed strands	**N. Vergadou** Molecular Simulation of Ionic Liquids: Structure, Dynamics and Permeability Properties	**K. Barlas** Towards Formal Open Standards: the Case of RSS
14.55– 15.40	**M. Chlouveraki** Representation theory of framisations of knot algebras	**P. Bellingeri** On (p-)almost direct products and residual properties of pure braid groups of surfaces	**I. Ouranos** (title to be confirmed) **A. Kalampakas** (to be confirmed)
15.40 – 16.00	Coffee break	Coffee break	Coffee break
16.00 – 16.45	**M. Mroczkowski** The HOMFLYPT skein module of the lens spaces $L_{p,1}$	**N. Kechagias** Infinite loop spaces, Steenrod, Dyer-Lashof and Dickson algebras	**R. Diaconescu** (to be confirmed) **S. Sudoplatov** On operators at classes of structures
16.55 – 17.15	**B. Gabrovsek** The isomorphism function from $S_3(L_{p,1})$ to the free module	**A. Kontogeorgis** Constructing Class Invariants	**N. Catano** Code Generation of Reactive Systems and Android Apps Modelled in Event-B
17.25 - 17.45	**I. Diamantis** The Homflypt skein module of L(p,1) via braids		