# 10BWMC and ICDMC2012 Presentations

1. Gexiang Zhang: A membrane-inspired evolutionary algorithm with a population P system and its application to distribution system reconfiguration
2. Gheorghe Păun: Further open problems for BWMC10
3. Marian Gheorghe, Ciprian Dragomir: Kernel P systems
4. Artiom Alhazov: Role of determinism, small numbers, P languages and polymorphism
5. Mario J. Pérez-Jiménez: Computational complexity aspects in tissue P systems
6. Vincenzo Manca: Inverse dynamical problems: an algebraic formulation via MP grammars
7. Jozef Kelemen: Plain talk about the morphogenesis of membrane systems from the primorial soup (from the P soup towards the P systems?)
8. Ana Brânduşa Pavel, Cristian Ioan Vasile, Ioan Dumitrache: Numerical P systems and applications in robot controlling
9. Adam Obtulowicz: Two topics ahead membrane computing
10. Luca Marchetti: Regression issues in LGSS
11. Erzsebet Csuhaj-Varju: dP automata – classical automata in a new light
12. Petr Sosik: P systems for modeling bacterial logic based on conjugation
13. Cristian Ştefan, Adrian Zafiu: Modeling intelligent energy distribution systems with hyper DAG P systems
14. Gyorgy Vaszil: Speeding-up P automata
15. Serghei Verlan, Rudolf Freund, Agustin Riscos-Nunez, Ignacio Perez-Hurtado: A formal framework for P systems with dynamical structure
16. Serghei Verlan: Towards a formal framework for probabilistic P systems
17. Marian Gheorghe, Florentin Ipate, Raluca Lefticaru, Cristina Tudose, Mario J. Pérez-Jiménez, Luis Valencia Cabrero: Towards an integrated approach for model simulation, property extraction, and verification of P systems
18. Miguel Angel Martínez-del-Amor, Richelle Ann Juayong, Francis George Cabarle, Henry Adorna: Simulating evolution-communication P systems with energy in GPUs
19. Miguel Angel Martínez-del-Amor, Francis George Cabarle, Henry Adorna: SN P systems simulation
20. Raúl Reina, Daniel Díaz-Pernil, Miguel Angel Gutiérrez-Naranjo: Membrane computing algorithms for nD thinning
21. Ioan Ardelean, Iris Sarchizian: Looking forward...
22. Antonio Enrico Porreca, Giancarlo Mauri, Alberto Leporati, Claudio Zandron: State complexity of P systems, versus state complexity of Turing machines
23. Antonio Enrico Porreca, Mario J. Perez-Jimenez: Tissue P systems with communication of weight 2 can solve NP-complete problems in polynomial time
24. Artiom Alhazov, Yurii Rogozhin, Serghei Verlan: Energy-based P systems, non-cooperative rewriting with promoters and inhibitors, symport 3 in one membrane
25. Rudolf Freund, Yurii Rogozhin, Serghei Verlan: P systems with ins-del and renaming of one symbol
26. Rudolf Freund, Yurii Rogozhin, Serghei Verlan, Artiom Alhazov: P systems with membrane labels changing in time