



# ACE 2014

## 11<sup>th</sup> INTERNATIONAL CONGRESS ON ADVANCES IN CIVIL ENGINEERING

21 - 25 OCTOBER 2014 ISTANBUL / TURKEY



### SA-5, 22 OCTOBER 2014 WEDNESDAY, 16:30-18:00, HALL 1

Session Chair Eleni Smyrou (İTÜ)

1261	Cost Optimization of Shear-Walls using Genetic Algorithm	Fatma Gulden Senay	Gulay Atabay
1275	Determination of Optimum Cross-Sectional Shape of Prestressed Concrete Girders Using an Ant Colony	Yusuf Zekeriya	Ayvaz Aydın
1277	A comparison of two heuristic search methods via a structural optimization problem: ant colony optimization and genetic algorithm	Abidin Hakan Zekeriya	Yılmaz Aydın
1629	Particle Swarm Optimizer integrated with fly-back mechanism and weighted particle for optimization of the truss structures	Ali Vedat Gebrail	Mortazavi Togan Bekdaş
1202	Total Potential Energy Optimization Method Analyses of Trusses Structures Considering the Elasto-plastic Behavior	Rasim Yusuf Cengiz	Temür Toklu
1768	Modeling revolution shell structures by MATLAB programming –axisymmetric and nonaxisymmetric shells-	A. B. D. M.	Ounis Labiodh Hamadi Chaalane