

CONTACT INFORMATION

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EDUCATION

Phd Candidate Department of Civil Engineering, University of Thessaly (2019)

Doctoral Thesis: Water Purification Modeling Through Chemical Reactions and Electromagnetic Particle Navigation.

MSc in Energy Technology, University of Heriot Watt-University of West Attica (2018)

Master Thesis: Numerical study of nanoparticles mixing in micropipes.

MSc in Science, Technology, Engineering and Mathematics in Education, School of Pedagogical and Technological Education (2017)

Master Thesis: Developing S.T.E.M. Experiments using Arduino, Matlab and their Didactic Analysis.

PBD in Science of Materials in Advanced Technologies, University of Ioannina – University of Patras – University of Crete (2015)

BSc in Physics, School of Sciences, Department of Physics, University of Ioannina (2014)

ARTICLES

Karvelas, E.G., C. Liosis, L. Benos, T.E. Karakasidis and I.E Sarris, ‘Micromixing Efficiency of Particles in Heavy Metal Removal Processes under Various Inlet Conditions’, *Water*, vol 11, 1135, 2019.

Karvelas, E.G., C. Liosis, T.E. Karakasidis and I.E Sarris, ‘Mixing of nanoparticles in micromixers under different angles and velocities of the incoming water’, *Proceedings*, vol. 2, 577, 2018.

C. Liosis, Karvelas E.G., T.E. Karakasidis and I.E Sarris, ‘Numerical Study of Nanoparticles Mixing in Micropipes’, under review *Journal of Water Supply*.

CONFERENCE PRESENTATIONS

Karvelas E.G., C. Liosis, T.E. Karakasidis and I.E Sarris’ Ανάμιξη σωματιδίων με την χρήση μαγνητικών πεδίων σε μικροαγωγούς’, 12ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, National Technical University of Athens, Greece, 29-31 May 2019.

Karvelas E.G., C. Liosis, T.E. Karakasidis and I.E Sarris, “Mixing of nanoparticles in micromixers under different angles and velocities of the incoming water”, 3rd EWaS International Conference, Lefkada, Greece, 27-30 June 2018.

Christos Liosis, Athina Papadopoulou, Eleutheria Liosi, “Απλό εκκρεμές και μέτρηση της επιτάχυνσης της βαρύτητας με την χρήση βιντεοανάλυσης” 5th Conference of New Educator, Eugenides Foundation of Athens, Greece, 28-29 April 2018.

Christos Liosis, “Χρήση ARDUINO κατά την πέδηση των οχημάτων” 5th International and Interscientific Conference eLife 2016, Plastiras Lake, Greece, 23-26 June 2016.