

ACADEMIC CURRICULUM VITAE

PERSONAL DATA

Full Name: **Dimitris MASTROGIANNIS**

Born: 26/04/1978 Toronto, Canada

Gender: Male

Nationality: Greek – Canadian

Marital Status: Married

Profession: Physicist / Teacher in 2nd Grade Education

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STUDIES

- | | |
|-------------|---|
| 2017 | Phd in Physics, Faculty of Physics, Department of Solid State Physics, National and Kapodistrian University of Athens, Greece |
| 2022 | M.Sc. degree in Special Education, Department of Pedagogy and Primary Education, National and Kapodistrian University of Athens, Greece |
| 2010 | M.Sc. degree in Electronics and Communication, Faculty of Physics, Department of Electronics, National and Kapodistrian University of Athens, Greece |
| 2009 | M.Sc. degree in Microsystems and Nanodevices, Department of Physics, National and Technical University of Athens, Greece |
| 2003 | B.Sc. degree in Physics, Faculty of Physics, National and Kapodistrian University of Athens, Greece |

PUBLICATIONS

C. Mavromatou, V. Hadjicontis, D. Ninos, D. Mastrogiannis, E. Hadjicontis, K. Eftaxias, “Understanding the fracture phenomena in homogenous rock samples and ionic crystals, by monitoring the electromagnetic emission during their deformation”, *Physics and Chemistry of the Earth* **29** (2004) 353-357, <https://doi.org/10.1016/j.pce.2003.11.011>

V. Hadjicontis, C. Mavromatou, D. Mastrogiannis, T.N. Antsygina and K.A. Chishko, “Relationship between electromagnetic and acoustic emissions during plastic deformation of gamma-irradiated LiF monocrystals”, *Journal of Applied Physics* **110** (2011) 024907, <https://doi.org/10.1063/1.3608247>

D. Mastrogiannis, V. Hadjicontis, C. Mavromatou, “Experimental evidence of the compatibility of the cumulative electromagnetic energy release data, with the hierarchical models for the catastrophic fracturing process”, *Natural Hazards and Earth System Sciences* **11** (2011) 1605-1608, <https://doi.org/10.5194/nhess-11-1605-2011>

D. Mastrogiannis, T.N. Antsygina, K.A. Chishko, C. Mavromatou, V. Hadjicontis, “Relationship between electromagnetic and acoustic emissions in deformed piezoelectric media: Microcracking signals”, *International Journal of Solids and Structures* **56-57** (2015) 118-125, <https://doi.org/10.1016/j.ijsolstr.2014.11.027>

S.M. Potirakis, D. Mastrogiannis, “Critical features revealed in acoustic and electromagnetic emissions during fracture experiments on LiF”, *Physica A: Statistical Mechanics and its Applications* **485** (2017) 11-12, <https://doi.org/10.1016/j.physa.2017.05.025>

D. Mastrogiannis, S.M. Potirakis, “Experimental study of the dynamic evolution of cumulative energy release during LiF fracture under uniaxial compression”, *International Journal of Solids and Structures* **132-133** (2018) 59-65, <https://doi.org/10.1016/j.ijsolstr.2017.09.005>

D. Mastrogiannis, S.I. Andreopoulos, S.M. Potirakis, “A comparative study by using two different log-periodic power laws on acoustic emission signals from LiF specimens under compression”, *Engineering Fracture Mechanics* **210** (2019) 170-180, <https://doi.org/10.1016/j.engfracmech.2018.04.022>

D. Mastrogiannis, S.I.Andreopoulos, S.M. Potirakis, I. Stavrakas, D. Triantis, S.K. Kourkoulis “Investigation of acoustic emissions and pressure stimulated currents detected during bending of restored marble epistyles within the frame of log-periodic power-law models”, *Procedia Structural Integrity* **10** (2018) 319-325, <https://doi.org/10.1016/j.prostr.2018.09.044>

D. Mastrogiannis, S.I.Andreopoulos, S.M. Potirakis, I. Stavrakas, D. Triantis, E.D. Pasiou, “Modelling acoustic and electric signals emitted during structural tests in terms of log-periodic power-law models”, *Material Design & Processing Communications* (2020), 1-9, <https://doi.org/10.1002/mdp2.134>

JOBS / POSITIONS HELD

Teacher in 2nd Grade Education | **Lyceum of Mykonos** 2022 – 2023

Teacher in 2nd Grade Education | **Mykonos High School** 2021 – 2022

Teacher in 2nd Grade Education | **Special Education High School of Ilion** 2020 – 2021

Teacher in 2nd Grade Education | **3rd High School of Agios Dimitrios, 4th High School of Agios Dimitrios, 5th High School of Agios Dimitrios** 2019 – 2020

Teacher in 2nd Grade Education | **2nd High School of Alimos, 5th High School of Alimos** 2018 – 2019

Teacher in 2nd Grade Education | **Special Education Technical Lyceum of Ilion** 2017 – 2018

Teacher in 2nd Grade Education | **12th High School of Athens** 2016 – 2017

Teacher in 2nd Grade Education | **1st High School of Elliniko, 3rd High School of Alimos, 5th High School of Agios Dimitrios** 2015 – 2016

Teacher in 2nd Grade Education | **1st High School of Kaisariani** 2013 – 2014

Teacher in 2nd Grade Education | **4th High School of Ilioupoli** 2012 – 2013

Teacher in 2nd Grade Education | **5th High School of Zografou** 2011 – 2012

Teacher in 2nd Grade Education | **4th Lyceum of Korydallos** 2010 – 2011

Teacher in 2nd Grade Education | **8th High School of Nikaia, 1st
High School of Palaio Faliro, 3rd Lyceum of Korydallos** 2009 – 2010