

# Elisavet D. Michailidi



*Petroleum Engineer*

## **Contact Information:**

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## **Education**

- 2014–Present **M.Phil. in Petroleum Engineering**  
Eastern Macedonia & Thrace Institute of Technology, Kavala (Greece)
- 2009-2014 **B.Sc. in Oil & Gas Technology**  
Eastern Macedonia & Thrace Institute of Technology, Kavala (Greece)

## **Work Experience**

- 1/12/2015–Present **Postgraduate Researcher**  
Eastern Macedonia & Thrace Institute of Technology, Kavala (Greece)  
-Study of the physicochemical properties of nanobubbles, using a variety of instruments
- 1/12/2014–31/5/2015 **Postgraduate Researcher**  
Eastern Macedonia & Thrace Institute of Technology, Kavala (Greece)  
-Nanotechnology Laboratory
- 10/2013–4/2014 **Practical Training**  
University of Applied Sciences Emden/Leer, Emden (Germany)  
-Development of a model concerning an N.G Liquefaction process, using ASPEN Hysys simulator

## **Academic Achievements**

- ❖ Scholarship for Advanced Research “Archimedes”, December 2015
- ❖ Scholarship for M.Sc. in Oil & Gas Technology, December 2014

## Professional Certificates

- ❖ **Integrated Production Modelling (IPM)**  
*Eastern Macedonia & Thrace Institute of Technology, May 2015*
- ❖ **Hazard & Operability (HAZOP)**  
*Eastern Macedonia & Thrace Institute of Technology, November 2014*
- ❖ **Advanced Simulations In Natural Gas Liquefaction**  
*Eastern Macedonia & Thrace Institute of Technology, September 2013*
- ❖ **Chemical Processes Simulation**  
*Eastern Macedonia & Thrace Institute of Technology, May 2012*
- ❖ **English for Specific Professional Purposes E.S.P.P.C.**  
*Eastern Macedonia & Thrace Institute of Technology, May 2011*

## Languages

- ❖ **C2 Certificate in English Language/ESOL International, All Modes**  
*University of Central Lancashire, December 2006*

## Professional Skills

### Software

Aspen Hysys  
Integrated Production Modelling Suite  
CMG Reservoir Simulation  
HIS Perform  
IDS Drillnet  
MathWorks Matlab  
SPSS Statistics

### Scientific Instruments

Force Tensionmeter  
Spinning-Drop Tensionmeter  
Small Angle X-Ray Scattering  
Scanning Electron Microscope  
X-Ray Goniometer  
FTIR Spectrometer  
Gas Chromatographer

## Organizations

- ❖ **Member of Society of Petroleum Engineers-SPE**  
*Kavala Section, December 2014-Present*
- ❖ **Member of Association of Women in Science-AWIS**  
*December 2014-Present*

## Publications

### **I. Conferences**

1. E.Δ.Μιχαηλίδη, R.I.Kosheleva, Γ.Μπόμης, Α.Βαρούτογλου, Ε.Φάββας και Α.Μητρόπουλος, «Παραγωγή νανοφουσαλίδων με τη χρήση συσκευών με διαφορετικές κεφαλές», 7<sup>ο</sup> Πανελλήνιο Συμπόσιο Πορωδών Υλικών», Ιωάννινα, 2016
2. E.D.Michailidi, R.I.Kosheleva, E.P.Favvas and A.C.Mitropoulos, “Determination and comparison of size and stability of nanobubbles produced by two different generators”, Smart & Green Interfaces Conference, Athens, 2016

### **II. Dissertations**

1. E.D.Michailidi, “Study of the physicochemical properties of nanobubbles”, M.Phil. Dissertation, EMaTTech, 2016 (Pending)
2. E.D.Michailidi, “Crude oil middle fractions hydrodesulfurization process simulation”, B.Sc. Dissertation, EMaTTech, 2014

### **III. Projects**

1. E.D.Michailidi, F.N.Zachopoulos, “Methane Hydrates in Natural Gas Pipelines”, EMaTTech, 2015
2. E.D.Michailidi et al., “Greece: History & Prospects of Thasos Oil Reserves”, EMaTTech, 2015
3. E.D.Michailidi et al., “Public Contracts between state and companies concerning exploration & production activities: The Case of Cyprus”, EMaTTech, 2015
4. E.D.Michailidi, Simulation of the PVT Behavior of o Reservoir Oil Using the Winprop CMG PVT Equation of State Based Model”, EMaTTech, 2015
5. E.D.Michailidi et al., “Business Strategy Analysis: Case Study for Statoil ASA” EMaTTech, 2014
6. E.D.Michailidi, F.N.Zachopoulos, “Exploitation of methane hydrates in Greek EEZ and the contribution to the inflation of the Greek economy”, EMaTTech, 2014
7. E.D.Michailidi, “Synthetic Natural Gas Liquefaction Process Simulation”, University of Applied Sciences Emden/Leer”, 2014