

CURRICULUM VITAE

PERSONAL INFORMATION

Name	Aggeliki Kalogianni
Duties	Chemical Engineer
Present Occupation	Centre for Research and Technology-Hellas, Thessaloniki (CERTH), Greece
Address	6 th km Charilaou-Thermi Rd, Thessaloniki, Greece
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EDUCATION

2002: Chemical Engineering in Aristotle University of Thessaloniki, Greece

PROFESSIONAL EXPERIENCE

08.2005-Present: Centre for Research and Technology-Hellas (CERTH) / Chemical Process Engineering Research Institute (CPERI) / Laboratory of Environmental Fuels & Hydrocarbons (LEFH), Thessaloniki, Greece

Activities: Hydroprocessing for clean fuels & biofuels production, Statistical Process Analysis, Process Monitoring, Financial Supervision of Research Projects.
Member of the scientific group of the European research program LIFE+: "BIOFUELS2G - Demonstration of a Sustainable & Effective 2nd Generation Biofuels Application in an Urban Environment" and the national research program MOHLOS: "Development of infrastructure supporting innovation for the production of clean fuels by the method of hydrocracking"

01.2003-08.2005: Centre for Research and Technology-Hellas/ Director's Office, Thessaloniki, Greece

Activities: Management of Research Projects

07.2002-12.2002: Centre for Research and Technology-Hellas, Liaison Office, Thessaloniki, Greece

Activities: Management of Research Projects

07.2000-09.2000: Public Power Corporation S.A.

Activities: Practice in the Chemical Laboratory

07.1999-09.1999: Dye works Industry of Thessaloniki S.A., Thessaloniki, Greece

Activities: Practice in the Chemical Laboratory

10.1992-07.1993 DIODOS Informatics

Activities: English Teaching

PUBLICATIONS IN REFEREED JOURNALS:

1. Bezergianni, S., Dimitriadis, A., and Kalogianni, A., Effect of Pressure, LHSV and H₂/Oil Ratio on Hydrotreating of Waste Cooking Oil for Biodiesel Production, *Applied Catalysis B: Environmental*, 2010 (submitted)
2. Bezergianni, S., Dimitriadis, A., Sfetsas, T., and Kalogianni, A., Hydrotreating of waste cooking oil for biodiesel production. Part II: Effect of temperature on hydrocarbon composition, *Bioresource Technology*, 101, 7658–7660, 2010
3. Bezergianni, S., Dimitriadis, A., Kalogianni, A. and Pilavachi, P.A., Hydrotreating of waste cooking oil for biodiesel production. Part I: Effect of temperature on product yields and heteroatom removal, *Bioresource Technology*, 101, 6651–6656, 2010
4. Stella Bezergianni, Spyros Voutetakis and Aggeliki Kalogianni, Catalytic Hydrocracking of Fresh and Used Cooking Oil, *Industrial & Engineering Chemistry Research*, 48, 8402–8406, 2009
5. Stella Bezergianni and Aggeliki Kalogianni, Hydrocracking of used cooking oil for biofuels production, *Bioresource Technology*, 100, 3927–3932, 2009
6. Stella Bezergianni, Aggeliki Kalogianni and Iacovos A. Vasalos, Hydrocracking of Vacuum Gas Oil-Vegetable Oil Mixtures for Biofuels Production, *Bioresource Technology*, 100, 3036–3042, 2009
7. Stella Bezergianni and Aggeliki Kalogianni, An Application of Principal Component Analysis for Monitoring and Disturbance Detection of a Hydrotreating Process, *Industrial & Engineering Chemistry Research*, 47, 6972–6982, 2008

PUBLICATIONS IN CONFERENCE PROCEEDINGS:

1. Bezergianni, S., Voutetakis, S., Kalogianni, A., Temperature effect on hydrotreating of used cooking oil, *Proceedings of the 5th Dubrovnik Conference on Sustainable Development of Energy, Water and Environmental Systems*, Dubrovnik, Croatia, September 29-October 3, 2009
2. Stella Bezergianni, Aggeliki Kalogianni and Athanasios Dimitriadis, Fuel Production via Petroleum Oil Fractions and Vegetable Oil Co-processing, *7th National Scientific Conference of Chemical Engineering*, 2-5 June 2009, University of Patra, Patra

PUBLICATIONS IN CONFERENCES:

1. Aggeliki Kalogianni and Stella Bezergianni, Statistical Process Control for Hydrocracking Processes, poster presentation, *7th National Scientific Conference of Chemical Engineering*, 2-5 June 2009, University of Patra, Patra
2. Aggeliki Kalogianni and Stella Bezergianni, Statistical Process Control for Hydrocracking Processes, poster presentation, *Open Conference: "Development of infrastructure supporting innovation for the production of clean fuels with the method of hydrocracking"*, 30 June 2008, CERTH, Thessaloniki
3. Aggeliki Kalogianni and Stella Bezergianni, Application of Principal Component Analysis on a Hydrotreating Process, poster presentation, *"Computer Aided Process Engineering Forum"*, 7 & 8 February 2008, CERTH, Thessaloniki

ESSAYS:

- "Benzazepinones (Composition, Chemical Properties, Uses)", 2002
- "Technical and Financial Study of a Cement Production Unit", 2001

PARTICIPATION IN CONFERENCES - SEMINARS:

- Workshop: "Algae: The Energy Supplier of the Future", 19 October 2009, CERTH, Thessaloniki
- 7th National Scientific Conference of Chemical Engineering", 2-5 June 2009, University of Patra, Patra
- Seminar: "Bioenergy and Biofuels", 18-29 February 2008, CERTH, Thessaloniki
- "Computer Aided Process Engineering Forum", 7 & 8 February 2008, CERTH, Thessaloniki
- Seminar: "Statistical Data Process using MATLAB", 7 November, 2007, Electra Palace Hotel, Thessaloniki
- Training course: "ERTC Introduction to Petrochemical Processes & Catalysis 2007", 15-17 October, 2007, Hilton Hotel, Brussels
- "International Symposium on Hydrocarbon Catalysis and Catalytic Engineering: Present Status and Perspectives", Sifnos, 28-30 June, 2007
- Seminar: "Biomass utilization for the Production of Electricity", 5-13 December, 2005, CERTH, Thessaloniki

- 2nd National Conference for Hydrogen Technologies, 20-21 October, 2005, CERTH, Thessaloniki
- Seminar: "Statistical Process Control", Advanced Quality Services Ltd, 13 & 14 April, 2004, CERTH, Thessaloniki

COMPUTER KNOWLEDGE:

- Microsoft Office
- Visio Technical
- Chem Sketch
- Sample Manager
- Matlab

LANGUAGE KNOWLEDGE:

- Greek (native language)
- Proficiency in English (Cambridge & Michigan)
- Mittelstufe Diplom in German
- Spanish (beginners level)

OTHER:

- Member of the Technical Chamber of Greece (2002)
- Driver's license (1996)