

Curriculum Vitae

Personal Information

Full Name: **Evangelia Kostenidou**

Address: Department of Environmental Engineering, Democritus University of Thrace, Xanthi, Greece, Vas. Sofias 12, Xanthi 67100

Date of Birth: 16.09.1980

Nationality: Greek

e-mail: ekosteni@env.duth.gr

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Current position

Jan 2022 -today: Assistant Professor

Department of Environmental Engineering, Democritus University of Thrace, Xanthi, Greece

Past positions

November 2020 – December 2021: Chemical Engineering

General Chemical State Laboratories of Greece, Chemical Service of Macedonia – Thrace, Department of Chemical Services of Kavala, Greece

August 2019 – June 2020 and February 2018 – October 2018: Scientist

Laboratoire de Chimie de l'Environnement (LCE), CNRS, UMR 7376, Univ. Aix-Marseille, France

November 2018 –July 2019: Scientist

Institute of Researches on Catalysis and Environment in Lyon (IRCELYON), CNRS, Lyon, France

January 2017 – December 2017, March 2015 - March 2016 and May 2011- June 2013:

Postdoctoral Research Associate

Institute of Chemical Engineering Sciences (ICE-HT/FORTH), Patras, Greece

Laboratory of Air Quality Studies (LAQS)

April 2016 - October 2016: Postdoctoral Research Associate

Atmospheric Chemistry Laboratory, Institute for Environmental Research and Sustainable Development (IERSD), National Observatory of Athens, (NOOA) Athens, Greece

July 2013- February 2015: Postdoctoral Research Associate

Department of Chemical Engineering, University of Patras, Greece

July 2010-March 2011: Postdoctoral Researcher

Department of Civil and Environmental Engineering, University of Southern California, Los Angeles, CA, USA, Aerosol Laboratory

EDUCATION

2007-2010: Ph.D. in Atmospheric Sciences

Department of Chemical Engineering, University of Patras, Greece

Institute of Chemical Engineering Sciences (ICE-HT/FORTH), Patras, Greece

Ph.D. Thesis title: "Usage of Aerosol Mass Spectrometry for the measure of the physical and chemical properties of the atmospheric nanoparticles". Advisor: Prof. Spyros N. Pandis.

2005-2007: Visiting Researcher

Carnegie Mellon University, Center for Atmospheric Particle Studies, Pittsburgh PA

Smog chamber experiments: Formation and physicochemical properties of the biogenic SOA.

2004-2007: M.Sc. in Chemical Engineering

Department of Chemical Engineering, University of Patras, Greece

Institute of Chemical Engineering Sciences (ICE-HT/FORTH), Patras, Greece

Grade 9.25/10

1999-2004: B.Sc. (Diploma) in Chemical Engineering

Department of Chemical Engineering, University of Patras, Greece

Grade 7.81/10, Diploma Thesis: "Precipitation of struvite using an enzyme (alkaline phosphatase)".

Advisor: Prof. Petros Koutsoukos.

RESEARCH INTERESTS

- Air Quality and Climate Impacts of Particulate Matter
- Atmospheric Chemistry and Photochemistry
- Aerosol Mass Spectrometry, particle metrology and particle emissions, gas phase measurements
- Ambient and environmental chambers experiments

RESEARCH EXPERIENCE

- Physicochemical studies of biogenic secondary organic aerosols (SOA) in a smog chamber.
- Chemical aging of primary and secondary pollutants using an environmental chamber (e.g. diesel and gasoline emissions, α -pinene SOA, toluene SOA, cooking, etc.).
- Field measurements in various environments (Paris, Athens, Patras, Crete, ect.)
- Physical and chemical characterization of primary sources (diesel and gasoline vehicles, biomass burning, cooking, e-cigarettes etc.).
- Aerosol measurements inside vehicle cabins.
- Development of innovative numerical algorithms for the determination of the physical and chemical properties.

PUBLICATIONS and CONFERENCES

40 articles published in peer reviewed journals. My research work has received 1245 citations in an h-index of 21 (scopus). The scientific results have been presented to national and international conferences in 74 presentations (38 oral presentations (17 as first speaker) and 38 poster presentations (9 as first author) and in 5 invited talks (see list at the end).

PARTICIPATIONS TO INTERNATIONAL GRANTS AND PROJECTS

- MAESTRO, 2018-2020, NSF ADEME, FRANCE (AMU)
- POLEMICS, 2019-2021, NSF, ANR, FRANCE (AMU)
- ACTRIS-2, EU-H2020 2015-2019 (NOOA)
- ARISTEIA ROMANDE, NSF-EU 2013-2015 (University of Patras)
- ATMOPACS, EU ERC 2011-2015 (ICE-HT)
- SOURCES, COMPOSITION, VARIABILITY AND TOXICOLOGICAL CHARACTERISTICS OF COARSE (PM10-2.5) PARTICLES IN SOUTHERN CALIFORNIA U.S EPA, 2008-2012 (USC)
- MEGAPOLI, EU FP7 2008-2011 (ICE-HT)
- EUCAARI, EU FP6 2007-2010 (ICE-HT)
- AEROMETRISI, NSF 2006-2008 (ICE-HT)
- PANSEN, NSF, 2022-2025, (ICE-HT)
- DIONYSOS, TNA ATMO-ACCESS, 2023, (DUTH)

TEACHING EXPERIENCE**Lectures**

2004-2006: Graduate Teaching Assistant, *Department of Chemical Engineering, University of Patras, Greece,*

- Thermodynamics II
- Computer Programming (FORTRAN)

October 2021-January 2022: Contracted professor (ΠΔ 407/80), *Department of Environmental Engineering, Democritus University of Thrace, Xanthi, Greece*

- Atmospheric Pollution
- Control Engineering of Atmospheric Pollutants I
- Climate Change: The Scientific Evidence /Mitigation Actions of Extreme Climate Phenomena
- Computer programming (II) (MATLAB – ANSYS – DAISYLAB – LABVIEW)

January 2022- today: Assistant Professor, *Department of Environmental Engineering, Democritus University of Thrace, Xanthi, Greece*

- Atmospheric Chemistry
- Atmospheric Pollution
- Control Engineering of Atmospheric Pollutants I
- Control Engineering of Atmospheric Pollutants II
- Climate Change: The Scientific Evidence /Mitigation Actions of Extreme Climate Phenomena
- Chemical Processes in the Atmosphere

January 2022- today: Assistant Professor, *Master Program: Environmental Technologies in Environmental Legislation, Department of Environmental Engineering, Democritus University of Thrace, Xanthi, Greece*

- Environmental protection technologies II (9 hours)
- Environmental risk assessment techniques – crisis management II (9 hours)

SUPERVISION OF STUDENTS

2006-2017: 7 (Co-)Supervised Diploma students

January 2022-today: 11 Supervised Diploma students

January 2022-today: 1 Master Student

HONORS AND AWARDS

1. Best Poster Award, European Aerosol Conference (2012)
2. National Scholarship Foundation Award (2005)
3. Technical Chamber of Greece Scholar Award (2004)
4. National Scholarship Foundation Award (2003)
5. Dimitrios K. Evangelou Award (2003)

ACADEMY MEMBERSHIPS

- Hellenic Association for Aerosol Research (HAAR)
- Technical Chamber of Greece

JOURNAL EDITOR

- Guest Editor of the journal *Atmosphere* for the Special Issue “Ambient Aerosol Measurements in Different Environments”

REVIEWER FOR THE JOURNALS

- Environmental Science and Technology
- Atmospheric Chemistry and Physics
- Atmospheric Environment
- Geoscientific Model Development

- Journal of Geophysical Research-Atmospheres
- Science of the Total Environment
- Journal of Atmospheric Chemistry
- Atmospheres
- Journal of Hazardous Materials

SYMPOSIUM ORGANIZING COMMITTEE

- 1st Symposium of Graduate and Post-Docs in Chemical Engineering Studies, ICE-HT/FORTH, Patras, 27 May 2015.
- 2nd Symposium of Graduate and Post-Docs in Chemical Engineering Studies, ICE-HT/FORTH, Patras, 21 September 2016.
- 3rd Symposium of Graduate and Post-Docs in Chemical Engineering Studies, ICE-HT/FORTH, University of Patras, Patras, 3-4 October 2017.
- 1st Carrer Day, Department of Environmental Engineering and Department of Production and Management Engineering, DUTH, Xanthi, 19th October 2023.

SPOKEN LANGUAGES

- Greek (native speaker)
- English (C2)
- German (C1)
- Spanish (B2)
- French (B1)
- Serbian (A2)

List of Publications:**40 articles in peer reviewed journals, 1245 citations, h-index =20 (scopus)**

1. **Kostenidou, E.**, Marques, B., Temime-Roussel, B., Liu, Y., Vansevenant, B., Sartelet, K., and D'Anna, B.: Secondary organic aerosol formed by Euro 5 gasoline vehicle emissions: chemical composition and gas-to-particle phase partitioning, *Atmos. Chem. Phys.*, 24, 2705–2729, 2024.
2. Pavlidis, D., Sippial, D., Florou, K., **Kostenidou, E.**, and Pandis, S. N.: Exploring the discrepancies between SMPS and AMS measurements in secondary organic aerosol formation experiments, *Aerosol Science and Technology*, DOI: 10.1080/02786826.2024.2304547.
3. Aktypis, A., Kaltsonoudis, C., Patoulias, D., Kalkavouras, P., Matrali, A., Vasilakopoulou, C. N., **Kostenidou, E.**, Florou, K., Kalivitis, N., Bougiatioti, A., Eleftheriadis, K., Vratolis, S., Gini, M. I., Kouras, A., Samara, C., Lazaridis, M., Chatoutsidou, S.-E., Mihalopoulos, N., and Pandis, S. N.: Significant spatial gradients in new particle formation frequency in Greece during summer, *Atmos. Chem. Phys.*, 24, 65–84, 2024.
4. Vasilakopoulou, C. N., Matrali, A., Skyllakou, K., Georgopoulou, M., Aktypis, A., Florou, K., Kaltsonoudis, C., Siouti, V., **Kostenidou, E.**, Kołodziejczyk, A., Eleftheriadis, K., Patoulias, D., Nenes, A., and Pandis, S. N.: Rapid transformation of wildfire emissions to harmful background aerosol, *npj Clim. Atmos. Sci.* 6, 218, 2023.
5. Lannuque, V., D'Anna, B., **Kostenidou, E.**, Couvidat, F., Martinez-Valiente, A., Eichler, P., Wisthaler, A., Müller, M., Temime-Roussel, B., Valorso, R., and Sartelet, K.: Gas-particle partitioning of toluene oxidation products: an experimental and modeling study, *Atmos. Chem. Phys.*, 23, 15537–15560, 2023.
6. Sippial, D. J., Uruci P., **Kostenidou, E.**, and N. Pandis, S. N.: Formation of secondary organic aerosol during the dark-ozonolysis of α -humulene, *Environmental Science-Atmospheres*, DOI: 10.1039/d2ea00181k, 2023.
7. Dabanlis, G., Loupa, G., Tsalidis, G. A., **Kostenidou, E.**, and Rapsomanikis S.: The Interplay between Air Quality and Energy Efficiency in Museums, a Review, *Appl. Sci.*, 13(9), 5535, 2023, <https://doi.org/10.3390/app13095535>.
8. **Kostenidou, E.**, Jorga, S., Kodros, J. K., Florou, K., Kołodziejczyk, A., Szmigielski, R., and Pandis, S. N.: Properties and atmospheric oxidation of norpinic acid aerosol, *Atmospheres*, 13(9), 1481, 2022, <https://doi.org/10.3390/atmos13091481>
9. Marques, B., **Kostenidou, E.**, Martinez-Valiente, A., Vansevenant B., Sarica, T., Fine, L., Temime-Roussel, B., Tassel, P., Perret, P., Liu, Y., Sartelet, K., Ferronato C., and D'Anna, B.: Detailed speciation of non-methane volatile organic compounds in exhaust emissions from diesel and gasoline Euro 5 vehicles using online and offline measurements, *Toxics*, 10(4), 184, <doi.org/10.3390/toxics10040184>, 2022.
10. Liangou, A., Florou, K., Psychoudaki, M., **Kostenidou, E.**, Tsiligiannis, E., and Pandis, S. N.: A method for the measurement of the water solubility distribution of atmospheric organic aerosols, *Environmental Science and Technology*, 56 (7), 3952-3959, 2022.
11. Vansevenant, B., Louis, C., Ferronato, C., Fine, L., Tassel, P., Perret, P., **Kostenidou, E.**, Temime-Roussel, B., D'Anna, B., Sartelet, K., Cerezo, V., and Liu, Y.: Evolution under dark conditions of particles from old and modern diesel vehicles, in a new environmental chamber characterized with fresh exhaust emissions, *Atmos. Meas. Tech.*, 14, 7627-7655, 2021.
12. **Kostenidou, E.**, Martinez-Valiente, A., R'Mili, B., Marques, B., Temime-Roussel, B., Durand, A., André, M., Liu, Y., Louis, C., Vansevenant, B., Ferry, D., Laffon, C., Parent, P., and D'Anna, B.: Technical note: Emission factors, chemical composition, and morphology of particles emitted from Euro 5 diesel and gasoline light-duty vehicles during transient cycles, *Atmos. Chem. Phys.*, 21, 4779–4796, 2021.

13. Bougiatioti, A., and **Kostenidou, E.**: Ambient Aerosol Measurements in Different Environments, *Atmosphere*, 21, 4, 429.
14. Lampos, S., **Kostenidou, E.**, Farsalinos, K., Zagoriti, Z., Ntoukas, A., Dalamarinis, K., Savranakis, P., Lagoumintzis, G., and Poulas, K.: Real-time assessment of e-cigarettes and conventional cigarettes emissions: Aerosol size distributions, mass and number concentrations, *Toxics*, 7, 45, doi:10.3390/toxics7030045.
15. Vratolis, S., M., Gini, M., Bezantakos, S., Stavroulas, I., Kalivitis, N., **Kostenidou, E.**, Louvaris, E., Siakavaras, D., Biskos, G., Mihalopoulos, N., Pandis, S. N., Pilinis, C., Papayannis, A., and Eleftheriadis, K.: Particle number size distribution statistics at City-Centre Urban Background, urban background, and remote stations in Greece during summer, *Atmos. Env.*, 213, 711-726, 2019.
16. Tsiflikiotou, T., **Kostenidou, E.**, Papanastasiou, D., Patoulas, D., Zampas, P., Paraskevopoulou, D., Diapouli, E., Kaltsonoudis, C., Florou, K., Bougiatioti, A., Stavroulas, I., Theodosi, C., Kouvarakis, G., Vassilatou, V., Siakavaras, D., Biskos, G., Pilinis, C., Eleftheriadis, K., Gerasopoulos, E., Mihalopoulos, N., and Pandis, S. N.: Summertime particulate matter and its composition in Greece, *Atmos. Env.*, 213, 597-607, 2019.
17. **Kostenidou, E.**, Karnezi, E., Hite, Jr. J. R., Bougiatioti, A., Cerully, K., Xu. L., Ng, N. L., Nenes, A., and Pandis, S. N.: Organic Aerosol Sources in the summertime Southeastern United States: Components and their link to volatility distribution, oxidation state and hygroscopicity, *Atmos. Chem. Phys.*, 18, 5799-5819, 2018.
18. Wang, N., **Kostenidou, E.**, Donahue, N., and Pandis, S. N.: Multi-generation Chemical Aging of α -Pinene Ozonolysis Products by Reactions with OH, *Atmos. Chem. Phys.*, 18, 3589-3601, 2018.
19. **Kostenidou, E.**, Karnezi, E., Kolodziejczyk, A., Szmigielski, R., and Pandis, S. N.: Physical and Chemical Properties of 3-methyl-1,2,3-butanetricarboxylic acid (MBTCA), *Environmental Science and Technology*, 52 (3), 1150-1155, 2018.
20. Li, Y., Tasoglou, A., Liangou, A., Cain, K., Jahn, L., Gu, P., **Kostenidou, E.**, and Pandis, S. N.: Cloud condensation nuclei activity and hygroscopicity of fresh and aged cooking organic aerosol, *Atmos. Env.*, 176, 103-109, 2018.
21. Louvaris, E, Karnezi, E, **Kostenidou, E.**, Kaltsonoudis, C., and Pandis, S. N.: Estimation of the volatility distribution of organic aerosol combining thermodenuder and isothermal dilution measurements *Atmos. Meas. Tech.*, 10, 3909-3918, 2017.
22. Kaltsonoudis, C., **Kostenidou, E.**, Louvaris, E., Psychoudaki, M., Tsiligiannis, E., Florou, K., Liangou, A., and Pandis, S. N.: Characterization of fresh and aged organic aerosol emissions from meat (souvlaki) charbroiling, *Atmos. Chem. Phys.*, 17, 7143-7155, 2017.
23. Kaltsonoudis C., **Kostenidou, E.**, Florou, K., Psychoudaki, M., and Pandis, S. N.: Temporal variability and sources of VOCs in urban areas of Eastern Mediterranean, *Atmos. Chem. Phys.*, 16, 14825-14842, 2016.
24. Pandis, S. N., Skyllakou, K., Florou, K., **Kostenidou, E.**, Hasa, E., and Presto, A. A.: Urban particulate matter pollution: A tale o five cities, *Faraday Discussions*, 189, 277, 2016.
25. Paciga, A., Karnezi, E., **Kostenidou, E.**, Hildebrandt, L., Psychoudaki, M., Engelhart, G. J., Lee, B-H., Crippa, M., Prévôt, A. S. H., and Pandis, S. N.: Volatility of Organic Aerosol and its Components in the Megacity of Paris, *Atmos. Chem. Phys.*, 16, 2013-2023, 2016.
26. **Kostenidou, E.**, Florou, K., Kaltsonoudis, C., Tsiflikiotou, M., Eleftheriadis, K, Vratolis, S., and Pandis, S. N.: Sources and Chemical Processing of Organic Aerosol during the Summer in the Eastern Mediterranean, *Atmos. Chem. Phys.*, 15, 11355-11371, 2015.
27. Pikridas, M., Sciare, J., Schwarzenboeck, A., Crumeyrolle, S., Borbon, A., Freutel, F., Merkel, M., von der Weiden, S. L., **Kostenidou, E.**, Psychoudaki, M., Hildebrandt, L., Engelhart, G. J., Petaja, T., Crippa, M., Baltensperger, U., Wiedensohler, A., Kulmala, M., and Pandis, S. N.: Ultrafine particle sources and in-situ formation in a European Megacity, *Atmos. Chem. Phys.*, 15, 10219-10237, 2015.

28. Bougiatioti, A., Stavroulas, I., **Kostenidou, E.**, Zampas, P., Theodosi, C., Kouvarakis, G., Canonaco, F., Prevot, A. S. H., Nenes, A., Pandis, S. N., and Mihalopoulos N.: Processing of biomass burning aerosol in the Eastern Mediterranean during summertime, *Atmos. Chem. Phys.*, **14**, 4793-4807, 2014.
29. **Kostenidou, E.**, Kaltsonoudis, C., Tsilikiotou, M., Louvaris, E., Russell, L., and Pandis, S. N.: Burning of olive tree branches: A major organic aerosol source in the Mediterranean, *Atmos. Chem. Phys.*, **13**, 8797-8811, 2013.
30. Pikridas, M., Riipinen, I., Hildebrandt, L. **Kostenidou, E.**, Manninen, H., Mihalopoulos, N., Kalivitis, N., Bukhart J. F., Stohl, A., Kulmala, M., and Pandis, S. N.: New particle formation at a remote marine site in the Eastern Mediterranean, *J Geophys. Res.*, doi: 10.1029/2012JD017570, 2012.
31. Hildebrandt, L., **Kostenidou, E.**, Lanz, V., Prevot, A. S. H., Baltensperger, U., Mihalopoulos, N., Laaksonen, A., Donahue, N. M., and Pandis, S. N.: Sources and Atmospheric Processing of Organic Aerosol in the Mediterranean: Insights from Aerosol Mass Spectrometer Factor Analysis, *Atmos. Chem. Phys.*, **11**, 12499-12515, 2011.
32. Hudda, N., **Kostenidou, E.**, Sioutas, C., Delfino, R. J., and Fruin, S.: Vehicle and Driving Characteristics That Influence In-Cabin Particle Number Concentrations Factors, *Environ. Sci. Technol.*, **45**: 8691-7, 2011.
33. Engelhart, G. J., Hildebrandt, L., **Kostenidou, E.**, Mihalopoulos, N., Donahue, N. M., and Pandis, S. N.: Water Content of Aged Aerosol, *Atmos. Chem. Phys.*, **11**, 911-920, 2011.
34. Hildebrandt, L., **Kostenidou, E.**, Mihalopoulos, N., Worsnop, D. R., Donahue, N. M., and Pandis, S. N.: Formation Highly Oxygenated Organic Aerosol in the Atmosphere: Insights from the Finokalia Aerosol Measurements Experiments, *Geophys. Res. Letters*, **37**, L23801, 2010.
35. M. Beekmann, U. Baltensperger, A. Borbon, J. Sciare, V. Gros, A. Baklanov, M. Lawrence, S. Pandis, **E. Kostenidou** and the MEGAPOLI Paris- campaign team: The MEGAPOLI Paris campaign for urban aerosol characterisation - a comprehensive data set for air quality model evaluation, Conference Proceedings, 13th Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purpo HARMO13 - 1-4 June 2010, Paris, France.
36. Pikridas, M., Bougiatioti, K., Hildebrandt, L., Engelhart, G. J., **Kostenidou, E.**, Mohr, C., Prevot, A. S. H., Kouvarakis, G., Zampas, P., Burkhardt, J. F., Lee, B. H., Psichoudaki, Mihalopoulos, N., Pilinis, Stohl, A., Baltensperger, U., Kulmala, M., and Pandis, S. N.: The Finokalia Aerosol Measurement Experiments – 2008 (FAME-08): An Overview, *Atmos. Chem. Phys.*, **10**, 1-39, 2010.
37. Lee, B. H., **Kostenidou, E.**, Hildebrandt, L., Riipinen, I., Engelhart, J. G., Mohr, C., DeCarlo, P. F., Mihalopoulos, N., Prevot, A. S. H., Baltensperger, U., and Pandis, S. N.: Measurement of the Ambient Organic Aerosol Volatility Distribution: Application during the Finokalia Aerosol Measurement Experiment (FAME-2008), *Atmos. Chem. Phys.*, **10**, 12149-12160, 2010.
38. Hildebrandt, L., Engelhart, G. J., Mohr, C., **Kostenidou, E.**, Lanz, V., Bougiatioti, A., DeCarlo, P. F., Prevot, A. S. H., Baltensperger, U., Mihalopoulos, N., Donahue, N. M., and Pandis, S. N.: Aged Organic Aerosol in the Eastern Mediterranean: The Finokalia Aerosol Measurement Experiment – 2008, *Atmos. Chem. Phys.*, **10**, 1847-1900, 2010.
39. **Kostenidou, E.**, Lee B. H., Engelhart, J. G., Pierce J. R., and Pandis, S. N.: Mass Spectra Deconvolution of Low, Medium and High Volatility Biogenic Secondary Organic, *Environ. Sci. Technol.*, **43**, 4884-9, 2009.
40. **Kostenidou, E.**, Pathak, K. R., and Pandis, S. N.: An algorithm for the calculation of secondary organic aerosol density combining AMS and SMPS data, *Aer. Sci. Technol.*, **41**, 1002-1010, 2007.

INVATED TALKS

1. Réunion plénière 2018 du GDR SUIE, Lille. "Partitioning gas-particle phase during Secondary Organic Aerosol formation from toluene photo-oxidation using a new method for online submicron aerosol characterization (CHARON)", 5 December 2018.
2. Democritus University of Thrace, Department of Environmental Engineering. "Aerosol Mass Spectrometer: Sources of Atmospheric Pollution in Greece", 23 June 2017.
3. Colloque du Groupe Français de Cinétique et Photochimie (GFCP), Douai. "Chemical Aging of Cooking Organic Aerosol: Ambient Measurements and Chamber Experiments", 20-21 June 2017.
4. Carnegie Mellon University, Department of Chemical Engineering. "Chemical Characterization of Semi-Volatile Biogenic SOA Components using AMS", 18 October 2007.
5. Carnegie Mellon University, Department of Chemical Engineering. "Combining Data from the SMPS and the AMS: SOA density", 13 March 2006.

CONFERENCE PRESENTATIONS**ORAL****38 Oral presentations (17 as first speaker) in international and national conferences**

1. **Kostenidou, E.**, Marques, B., Temime-Roussel, B., Liu, Y., Vansevenant, B., Sartelet, K., and D'Anna, B.: Photo-oxidation of EURO 5 gasoline vehicle emissions: Chemical composition and gas-to-particle phase partitioning (10-A2.3), European Aerosol Conference (EAC), 3rd-8th September, Malaga, Spain, 2023.
2. **Kostenidou, E.**, Marques B., Temime-Roussel B., André, M., Liu, Y., Vansevenant B., Tassel, P., and D'Anna, B.: Secondary emissions formed by diesel and gasoline euro 5 passenger vehicles emissions, European commission, JRC, Mitigation and forestalling of Secondary Aerosol formation: The role of vehicle emissions, 22nd - 24th September 2021, Ispra (virtual), Italy.
3. Marques, B., **Kostenidou, E.** Temime-Roussel, B., Fine, L., Ferronato, C., Vansevenant, B., Liu, Y., Andre, M., Sartelet K., and D'Anna, B.: Primary and secondary emissions from Euro6 diesel and gasoline vehicles during the POLEMICS campaign: chemical characterization of gas and particle phases (ASS 15-4_418), European Aerosol Conference (EAC), 30th August - 3rd September, An interactive live virtual event, hosted by the UK and Ireland Aerosol Society, 2021.
4. **Kostenidou, E.**, Marques, B., Temime-Roussel, B., Martinez-Valiente, A., Vansevenant, B., Louis, C., Liu, Y., Andre, N., and D'Anna, B.: Secondary emissions from diesel and gasoline euro 5 passenger vehicles, Réunion plénière 2019 du GDR SUIE, 15th-17th October, Marseille, France, 2019.
5. Marques, B., **Kostenidou, E.**, Temime-Roussel, B., Liu, Y., Andre, M., Vansevenant, B., Ferry, D., Parent, P., Martinez-Valiente, A., and D'Anna, B.: Primary emissions of diesel and gasoline euro 5 vehicles, Réunion plénière 2019 du GDR SUIE, 15th-17th October, Marseille, France, 2019.
6. **Kostenidou, E.**, Marques, B., Temime-Roussel, B., Martinez-Valiente, A., Ferronato, C., Liu, Y., Andre, M., and D'Anna, B.: Fresh and secondary emissions from diesel and gasoline cars during the MAESTRO campaign: chemical characterization of gas and particle phase (O7_F5_A07), European Aerosol Conference (EAC), 25th-30th August, Gothenburg, Sweden, 2019.
7. **Kostenidou, E.**, Kodros, J, Kolodziejczyk, A., Szmigielski, R., and Pandis, S. N.: Physical and Chemical Properties of Norpinic Acid Aerosol (O10_F1_A01), European Aerosol Conference (EAC), 25th-30th August, Gothenburg, Sweden, 2019.
8. **Kostendou, E.**, D'Anna, B., Martinez-Valiente, A., Temime-Roussel, B., Parent, P., Ferry, D. and Laffon, C.: Fresh and Secondary Emissions from diesel and gasoline cars during the MAESTRO campaign: Characterization of Gas and Particle phase, Réunion plénière 2018 du GDR SUIE, 3rd-6th December, Lille, France, 2018.
9. Karnezi, E., Louvaris, E., **Kostenidou, E.**, Florou, K., Cain, K., and Pandis, S. N.: Discrepancies between the Volatility Distributions of OA in the Ambient Atmosphere and the Laboratory (13.CA.5), International Aerosol Conference (IAC), 2nd-7th September, Saint Louis MI, US, 2018.

10. Karnezi, E., Louvaris, E., **Kostendou, E.**, Florou, K., and Pandis, S. N.: Volatility distribution of organic aerosol components using ambient and laboratory measurements (T205N324), European Aerosol Conference (EAC), 29th August-1st September, Zurich, Switzerland, 2017.
11. **Kostendou, E.**, Karnezi, E., Szmigielski, R., and Pandis, S. N.: Physical and Chemical Properties of 3-methyl-1,2,3-butanetricarboxylic acid (MBTCA) aerosol (1AP.5 18), American Assoc. for Aerosol Research (AAAR) 35th Annual Conference, 17th-21st October, Portland, OR, US, 2016.
12. Kaltsonoudis, C., Louvaris, E., Tsiligiannis, E., **Kostenidou, E.**, Pandis, S. N.: A New Portable Dual Smog Chamber Facility with UV Lights for Field Studies (7IM.5), American Assoc. for Aerosol Research (AAAR) 35th Annual Conference, 17th-21st October, Portland, OR, US, 2016.
13. **Kostendou, E.**, Karnezi, E., Szmigielski, R., and Pandis, S. N.: Physical and Chemical Properties of 3-methyl-1,2,3-butanetricarboxylic acid (MBTCA) (O18), 2nd FORTH/ICE-HT Workshop of Graduates and Post-Docs (WGPD), 21st September, Patras, Greece, 2016.
14. Wang, N., **Kostenidou, E.**, Donahue, N., and Pandis, S. N.: Aging of α -pinene first generation ozonolysis products formed under low- and high-NO_x conditions (O32-AAS-AAP-90), European Aerosol Conference (EAC), 4th-9th September, Tours, France, 2016.
15. Pandis, S. N., Skyllakou, K., Florou, K., **Kostenidou, E.**, Hasa, E., and Presto, A. A.: Urban particulate matter pollution: A tale of five cities (Paper 9106), Royal Society of Chemistry, Chemistry in the Urban Atmosphere, Faraday Discussion, 6th-8th April, London, UK, 2016.
16. Kaltsonoudis, C., **Kostenidou, E.**, Louvaris, E., Psychoudaki, M., Tsiligiannis, E., Florou, K., Pandis, S. N.: Chemical Evolution of Emissions from Meat Charbroiling (3UA.6), American Assoc. for Aerosol Research (AAAR) 34th Annual Conference, 12th-16th October, Minneapolis, MN, US, 2015.
17. **Kostenidou, E.**, Louvaris, E., Kaltsonoudis, C., Pandis, S. N.: Chemical evolution (aging) of toluene and benzene SOA (11ACH_0013), European Aerosol Conference (EAC), 6th-11th September, Milan, Italy, 2015.
18. Kaltsonoudis, C., **Kostenidou, E.**, Louvaris, E., Psychoudaki, M., Tsiligiannis, N., Florou, K., Pandis, S. N.: Characterization of fresh and aged organic aerosol emissions from meat charbroiling (49AAS_0043), European Aerosol Conference (EAC), 6th-11th September, Milan, Italy, 2015.
19. **Kostenidou, E.**, Kaltsonoudis, C., Florou, K., Louvaris, E., Psychoudaki, M., Pandis, S. N.: Rethinking organic aerosol sources in Greece, 10th Greek Scientific Chemical Engineering Conference, 4th-6th June, Patras, Greece, 2015.
20. Kaltsonoudis, C., **Kostenidou, E.**, Louvaris, E., Tsiligiannis, E., Florou, K., Psychoudaki, M., Matthaiou, B., Pandis, S. N.: Unexpected sources of atmospheric pollution in Greece, 1st FORTH/ICE-HT Workshop of Graduates and Post-Docs (WGPD), 27th May, Patras, Greece, 2015, **Best Oral Presentation Award.**
21. **Kostenidou, E.**, Florou, K., Kaltsonoudis, C., Tsiflikiotou, M., Psychoudaki, M., Louvaris, E., Papanastasiou, D., Gkatzelis, G., Bougiatioti, A., Bezantakos, S., Mihalopoulos, N., Nenes, A., Biskos, G., Pillinis, C., Elefteriadis, K., Pandis, S. N.: Temporal and spatial variability of fine PM in the Eastern Mediterranean (AF0497), International Aerosol Conference (IAC), 28th August – 2nd September, Busan, Korea, 2014.
22. **Kostenidou, E.**, Florou, K., Kaltsonoudis, C., Tsiflikiotou, M., Psychoudaki, M., Louvaris, E., Pandis, S. N.: Chemical characterization and sources of ambient aerosol and gas pollutants during summer 2012 in two urban background locations in the Eastern Mediterranean (ACPandP1), 12th International Conference on Meteorology, Climatology and Atmospheric Physics (COMECAP), 28th-31st May, Heraklion, Greece, 2014.
23. Paciga, A., Hildebrandt R. L., Engelhart, G., **Kostenidou, E.**, Crippa, M., Prévôt, A., Baltensperger, U., Pandis, S. N.: Comparing Ambient Organic Aerosol Volatility at an Urban and a Remote Site in Europe (5CA.1), American Assoc. for Aerosol Research (AAAR) 32nd Annual Conference, 30th September-4th October, Portland, OR, US, 2013.
24. **Kostenidou E.**, Florou, K., Kaltsonoudis, C., Tsiflikiotou, M., Psychoudaki, M., Pandis, S. N.: Sources and Chemical Processing of Organic Aerosol during the Summer in the Eastern Mediterranean (9UA.3), American Assoc. for Aerosol Research (AAAR) 32nd Annual Conference, 30th September-4th October, Portland, OR, US, 2013.

25. Bezantakos, S., **Kostenidou, E.**, Florou, K., Bougiatioti, A., Elefteriadis, K., Mihalopoulos, N., Nenes, A., Pandis, S. N. and Biskos, G.: Hygroscopic Properties and Mixing state of Ultrafine Aerosol Particles over two Urban Background Sites (AA), European Aerosol Conference (EAC), 1st-6th September, Prague, Czech Republic, 2013.
26. Vratolis, S., Gini, M., Siakavaras, D., Bezantakos, S., Stavroulas, I., Kalivitis, N., **Kostenidou, E.**, Louvaris, E., Biskos, G., Mihalopoulos, N., Pandis, S. N., Pilinis, C. and Elefteriadis, K.: Particle Number Size Distribution Statistics at Urban and Suburban Background and Remote Sites in Greece during Summer (AA), European Aerosol Conference (EAC), 1st-6th September, Prague, Czech Republic, 2013.
27. Pikridas M., Hildebrandt L., **Kostenidou E.**, Engelhart G. J., Lee B. H., Mihalopoulos N., and Pandis S. N.: Properties of aged aerosols in the Eastern Mediterranean (Session 9), 11th International Conference on Meteorology, Climatology and Atmospheric Physics, 29th May-1st June, Athens, Greece, 2011.
28. Hudda, N., **Kostenidou, E.**, Delfino, R. J., Sioutas, C., and Fruin, S.: Relative importance of particles influx and loss mechanisms in determining in-vehicle concentrations (12C.1), American Assoc. for Aerosol Research (AAAR) 30th Annual Conference, 3rd-7th October, Orlando, FL, US, 2011.
29. Hudda, N., **Kostenidou, E.**, Delfino, R. J., Sioutas, C., and Fruin S.: Characterizing ultrafine particle number reductions inside vehicles (P-1011), International Society for Environmental Epidemiology (ISEE), 13th-16th September, Barcelona, Spain, 2011.
30. Pikridas, M., Riipinen, I., Hildebrandt, L. **Kostenidou, E.**, Manninen, H., Mihalopoulos, N., Kalivitis, N., Bukhart J. F., Stohl, A., Kulmala, M., and Pandis, S. N.: New particle formation at a remote marine site in the Eastern Mediterranean, European Aerosol Conference (EAC), 4th-9th September, Manchester, UK, 2011.
31. Hildebrandt, L., **Kostenidou, E.**, Lee, B. H., Engelhart, J. G., Mohr, C., DeCarlo, P., Prevot, S. H. A., Baltensperger, U., Mihalopoulos, N., Laaksonen, A., Worsnop, J. D., Donahue, N. M., and Pandis, S. N.: Oxidation of Organic Aerosol in the atmosphere: Insights from the Finokalia Aerosol Measurement Experiments 2008/2009 (3H.4), International Aerosol Conference (IAC), 29th August - 3rd September, Helsinki, Finland, 2010.
32. Hildebrandt, L., Henry, K., **Kostenidou, E.**, Engelhart, J. G., Mohr, C., DeCarlo, P., Prevot, S. H. A., Baltensperger, U., Mihalopoulos, N., Donahue, N. M., and Pandis, S. N.: Aging of Organic Particulate Matter and Implications to Population exposure: Evidence from Ambient Measurements and Laboratory Experiments (13D.4), American Assoc. for Aerosol Research (AAAR) Air Pollution and Health conference, 22nd-26th March, San Diego, CA, US, 2010.
33. Lee B. H., **Kostenidou, E.**, Hildebrandt, L., and Pandis, S. N.: Organic Aerosol Volatility during the Finokalia Aerosol Measurement Experiment (FAME – 2008) (1D.4), American Assoc. for Aerosol Research (AAAR) 28th Annual Conference, 26th-30th October, Minneapolis, MN, US, 2009.
34. Hildebrandt, L., **Kostenidou, E.**, Lee, B. H., Engelhart, J. G., Mohr, C., Bougiatioti, Peter DeCarlo, A., Prevot, S. H. A., Baltensperger, U., Mihalopoulos, N., Donahue, N. M., and Pandis, S. N.: Origin, composition and volatility of aerosol in the Mediterranean during the EUCAARI intensive campaigns: The Finokalia Aerosol Measurement Experiments (T170A11), European Aerosol Conference (EAC), 6th-11th September, Karlsruhe, Germany, 2009.
35. **Kostenidou, E.**, Lee B. H., Engelhart, J. G., Pierce J. R., and Pandis S. N.: Mass Spectra Analysis of Low, Medium and High Volatility Biogenic Secondary Organic Aerosol (PE4), 7th Greek Scientific Chemical Engineering Conference, 3rd-5th June, Patras, Greece, 2009.
36. **Kostenidou, E.**, Lee B. H., Engelhart, J. G., Pierce J. R., and Pandis S. N.: Chemical Characterization of Semi-Volatile Biogenic SOA Components Using an AMS (13A.2), American Assoc. for Aerosol Research (AAAR) 26th Annual Conference, 24th-28th September, Reno, NV, 2007.
37. **Kostenidou, E.**, Lee B. H., Engelhart, J. G., Pierce J. R., and Pandis S. N.: Chemical Characterization of Semi-Volatile Biogenic SOA Components Using an AMS, 2nd HAAR Meeting, 2007.
38. **Kostenidou, E.**, and Pandis, S. N.: An algorithm for the estimation of the organic atmospheric particles (TP535), 6th Greek Scientific Chemical Engineering Conference, 31st May – 2nd June, Athens, Greece, 2007.

POSTER**38 Poster presentations (9 as first author) in international and national scientific conferences**

1. Marques, B., **Kostenidou, E.**, Temime-Roussel, B., Fine, L., Ferronato, C., Vansevenant, B., Liu, Y., Sartelet, K., and D'Anna, B.: New aftertreatment devices of diesel and gasoline Euro6 vehicles: impact on primary emissions and secondary aerosol formation (1.04-17), European Aerosol Conference (EAC), 3rd-8th September, Malaga, Spain, 2023.
2. D'Anna, B., Giorio, C., Formenti, P., Mallet, M. D., **Kostenidou, E.**, Denjean C., Desboeufs, K., Doussin, J. F., Monod, A., Bourriane, T., Burnet, F., Chikwililwa, C., Namwoonde, A., and Piketh, S.: On-line Gas and Particle chemical composition during the AEROCLO-SA campaign in Henties Bay (Namibia) (AS1.41), European Geosciences General Union Assembly (EGU), 2019.
3. Lampos, S., Lagoumintzis, G. **Kostenidou, E.**, Katsoulakou, E., Zagoriti, Z., Ntoukas, A., Dalamarinis, K., Savranakis, and P., Poulas, K.: Measurement and distribution of aerosol particle size of commercial liquids in e-cigarette emissions: a comparison with conventional cigarette products (P35), 1st scientific summit, Tobacco Harm Reduction: Noval products, Research and Policy, 8th-9th June, Athens, Greece, 2018.
4. Liangou, A., Florou, K., Psychoudaki, M., **Kostenidou, E.**, Tsilgiannis, E., and Pandis, S. N.: Development of a Method for the Measurement of the Water Solubility Distribution of Atmospheric Organic Aerosol, American Assoc. for Aerosol Research (AAAR) 36th Annual Conference, 16th-20th October, Raleigh, NC, US, 2017.
5. **Kostenidou, E.**, Karnezi, E., Nenes, A., and Pandis, S. N.: Atmospheric Organic Aerosols: Is the relationship between the oxidation state, the volatility and the hygroscopicity just linear? (P7), 3rd FORTH/ICE-HT Workshop of Graduates and Post-Docs (WGP3), 3rd-4th October, Patras, Greece, 2017.
6. Liangou, A., Florou, K., Psychoudaki, M., **Kostenidou, E.**, Tsilgiannis, E., and Pandis, S. N.: Development of a Method for the Measurement of the Water Solubility Distribution of Atmospheric Organic Aerosol (P6), 3rd FORTH/ICE-HT Workshop of Graduates and Post-Docs (WGP3), 3rd-4th October, Patras, Greece, 2017, **Best Poster Award**.
7. Louvaris, E., Karnezi, E., **Kostenidou, E.**, and Pandis, S. N.: Measurements of the Volatility Distribution of Organic Aerosols Combining Thermodenuding and Isothermal Dilution (2AP.5), American Assoc. for Aerosol Research (AAAR) 35th Annual Conference, 17th-21st October, Portland, OR, US, 2016.
8. Tasoglou, A., Li, Y., **Kostenidou, E.**, Gu, P., Jahn, L., Cain, K., and Pandis, S. N.: A Study of the Chemical Composition and Hygroscopicity of Chemically Aged Cooking Organic Aerosol (2AC.27), American Assoc. for Aerosol Research (AAAR) 35th Annual Conference, 17th-21st October, Portland, OR, US, 2016.
9. Pandis, S. N., **Kostenidou, E.**, Wang, N., Florou, K., Kaltsonoudis, C., and Tasoglou, A.: Chemical Aging of Primary and Secondary Organic Aerosol (4.040), 13th IGAC Science Conference on Atmospheric Chemistry, 26th-30th September, Breckenridge, CO, US, 2016.
10. **Kostenidou, E.**, Karnezi, E., Szmigielski, R., and Pandis, S. N.: Characterization of Physical and Chemical Properties of 3-methyl-1,2,3-butanetricarboxylic acid (P2-AAS-AAP-179), European Aerosol Conference (EAC), 4th-9th September, Tours, France, 2016.
11. Florou, K., Kaltsonoudis, C., Papanastasiou, D. K., **Kostenidou, E.**, and Pandis, S. N.: The contribution of wood burning and other sources to wintertime organic aerosol levels in two Greek cities (1AAS_P023), European Aerosol Conference (EAC), 6th-11th September, Milan, Italy, 2015.
12. **Kostenidou, E.**, Psychoudaki, M., Louvaris, E., Kaltsonoudis, C., Wang, N., and Pandis, S. N.: Chemical Evolution (Aging) of Biogenic and Anthropogenic Secondary Organic Aerosol, 1st FORTH/ICE-HT Workshop of Graduates and Post-Docs (WGPD), 27th May, Patras, Greece, 2015.
13. Florou, K., **Kostenidou, E.**, Kaltsonoudis, C., Louvaris, E., Papanastasiou, D., Tsilgiannis, E., Psychoudaki, M., Tsiflikiotou, M., Pikridas, M., Gkatzelis G., and Pandis, S. N.: Air pollution from airborne particulate matter during summer and winter in Athens and Patras, 1st FORTH/ICE-HT Workshop of Graduates and Post-Docs (WGPD), 27th May, Patras, Greece, 2015

14. Vratolis, S., Gini, M., Diapouli, L., **Kostenidou, E.**, Louvaris, E., Pandis, P., Biskos, G., Pilinis, C., and Eleftheriadis, K.: Particle Number Size Distribution Statistics at Urban and Suburban Background Sites in Athens, Greece during Winter, International Aerosol Conference (IAC), 28th August – 2nd September, Busan, Korea, 2014.
15. Bougiatioti, A., Stavroulas, I., **Kostenidou, E.**, Canonaco, F., Pandis, S., Nenes, A., and Mihalopoulos, N.: Contribution of biomass burning to the total organic aerosol in the Eastern Mediterranean (8BB.1), American Assoc. for Aerosol Research (AAAR) 33rd Annual Conference, 20th-24th October, Orlando, FL, US, 2014.
16. Bougiatioti, A., Stavroulas, I., **Kostenidou, E.**, Canonaco, F., Prevot, A. S. H., Pandis, S. N., and Mihalopoulos, N.: Sources, seasonal variability and oxidation state of organic aerosol in the Eastern Mediterranean (Session 4), 13th Quadrennial iCACGP Symposium/ 13th IGAC Science Conference on Atmospheric Chemistry (iCACGP/IGAC), 22nd-26th September, Natal, Brazil, 2014.
17. **Kostenidou, E.**, Wang, N., Psichoudaki, M., Louvaris, E., Kaltsonoudis C., and Pandis, S. N.: Photochemical aging of α -pinene ozonolysis SOA (Session 2), 13th Quadrennial iCACGP Symposium/ 13th IGAC Science Conference on Atmospheric Chemistry (iCACGP/IGAC), 22nd-26th September, Natal, Brazil, 2014.
18. Papanastasiou, K. D., **Kostenidou, E.**, Gkatzelis, I. G., Psichoudaki, M., Louvaris, E., and Pandis, S. N.: Photochemical Aging of Organic Aerosols: A Laboratory Study (AS3.3), European Geosciences General Union Assembly (EGU), 27th April – 2nd May, Vienna, Austria, 2014.
19. Tsiflikiotou, M., Papanastasiou, D., Zampas, P., Paraskevopoulou, D., Diapouli, E., **Kostenidou, E.**, Kaltsonoudis, C., Bougiatioti, A., Theodosi, C., Kouvarakis, G., Liakakou, E., Vassilatou, V., Siakavaras, D., Biskos, G., Eleftheriadis, K., Gerasopoulos, E., Mihalopoulos, N. and Pandis, S. N.: Spatial distribution of summertime particulate matter and its composition in Greece (AS4.11), European Geosciences General Union Assembly (EGU), 27th April – 2nd May, Vienna, Austria, 2014.
20. Psichoudaki, M., **Kostenidou, E.**, Bougiatioti, A., Bezantakos, S., Biskos, G., Nenes, A. and Pandis, S. N.: Summer and winter time aerosol levels at an urban Mediterranean environment: Impacts of biomass burning (C182), European Aerosol Conference (EAC), 1st-6th September, Prague, Czech Republic, 2013.
21. **Kostenidou, E.**, Kaltsonoudis, C., Tsiflikiotou, M., Louvaris, E., Russell, L., and Pandis, S. N.: Olive Tree Branches Burning: A major pollution source in the Mediterranean (BG2.3), European Geosciences General Union Assembly (EGU), 7th-12th April, Vienna, Austria, 2013.
22. **Kostenidou, E.**, Kaltsonoudis, C., and Pandis, S. N.: Chemical characterization of ambient submicron aerosol during summer 2012 in Patras, Greece (AS3.14), European Geosciences General Union Assembly (EGU), 7th-12th April, Vienna, Austria, 2013.
23. Kaltsonoudis, C., Florou, K., **Kostenidou, E.**, and Pandis, S. N.: Temporal Variability of VOCs and Organic Particulate Matter in the Eastern Mediterranean (AS3.14), European Geosciences General Union Assembly (EGU), 7th-12th April, Vienna, Austria, 2013.
24. Paciga, A., Hildebrandt R. L., Engelhart, G., **Kostenidou, E.**, Crippa, M., Prevot, S. H. A., Baltensperger, U., and Pandis, S. N.: Volatility of Ambient Organic Aerosol at an Urban and a Remote Site in Europe (5.CA.1), American Assoc. for Aerosol Research (AAAR) 31st Annual Conference, 8th-12th October, Minneapolis, MN, US, 2012.
25. **Kostenidou, E.**, Kaltsonoudis, C., Louvaris, E., Tsiflikiotou, M., and Pandis, S. N.: Burning of Olive Tree Branches: A Major Organic Aerosol Emission Source in the Mediterranean (A-WG02S1P), European Aerosol Conference (EAC), 2nd-7th September, Granada, Spain, 2012, **Best Poster Award**.
26. Bezantakos, S., **Kostenidou, E.**, Bougiatioti, A., Eleftheriadis, K., Mihalopoulos, N., Nenes, A., Pandis and S., Biskos, G.: Chemical Composition and Hygroscopic Properties of Ultrafine Aerosol Particles in the Atmosphere over an Urban Background Site in Patras, Greece (B-LP01S1P18), European Aerosol Conference (EAC), 2nd-7th September, Granada, Spain, 2012.
27. Hildebrandt, L., **Kostenidou, E.**, Engelhart, G. J., Lanz, V. A., Mohr, C., DeCarlo, P. F., Prevot, A. S. H., Baltensperger, U., Mihalopoulos, N., Donahue, N. M., Pandis S. N.: Chemical transformation of

- atmospheric organic particulate matter: Insights from remote ambient measurements. Gordon Research Conference – Atmospheric Chemistry, 24th-29th July, Mount Snow, VT, US, 2011.
28. Fruin, S., Hudda, N., **Kostenidou, E.**, Delfino, R. J., and Sioutas, C.: Predicting air exchange rates and particle losses inside vehicles (P-1032), International Society for Environmental Epidemiology (ISEE), 13th-16th September, Barcelona, Spain, 2011.
 29. Hildebrandt, L., **Kostenidou, E.**, Lee, B. H., Engelhart, J. G., Mohr, C., DeCarlo, P., Prevot, S. H. A., Baltensperger, U., Mihalopoulos, N., Donahue, N. M., and Pandis, S. N.: Origin, Composition and Volatility of Aged Aerosol in the Eastern Mediterranean: The Finokalia Aerosol Measurement Experiments (Spring 2008 and Winter 2009) (5G.10), American Assoc. for Aerosol Research (AAAR) 28th Annual Conference, 26th-30th October, Minneapolis, MN, US, 2009.
 30. Prevot A. S. H., Nemitz, E., Valentin Lanz, V., Peter DeCarlo, P., James Allan, J. D., Baltensperger, U., Berresheim, H., Canagaratna, M., Ceburnis, D., Cubison, M., Dall'Osto, M., Marco, C. D., Donahue, N., Ehn, M., Eriksson, A., Hillamo, R., Jimenez, J. L., Hildebrandt, L., Junninen, H., Scharr, A., K., **Kostenidou, E.**, Kulmala, M., Mensah, A., Mohr, C., O'Dowd, C., Ortega, A., Ovadnevaite, J., Pandis, S. N., Poulain, L., Raatikainen, T., Carbone, S., Saarikoski, S., Sellegri, K., Sueper, D., Swietlicki, E., Tiitta, P., Ulbrich, I., and Worsnop, D.: Overview of PM₁ Composition and Sources of Organic Mass in Europe (5D.48), American Assoc. for Aerosol Research (AAAR) 28th Annual Conference, 26th-30th October, Minneapolis, MN, US, 2009.
 31. **Kostenidou, E.**, Hildebrandt, L., Lee, B. H., Engelhart, J. G., Mohr, C., Bougiatioti, A., Prevot, S. H. A., Baltensperger, U., Mihalopoulos, N., and Pandis, S. N.: Measurements of the Volatility Distribution and Density of Ambient Organic Aerosols during the Finokalia Aerosol Measurement Experiment – 2008 (T170A12), European Aerosol Conference (EAC), 6th-11th September, Karlsruhe, Germany, 2009.
 32. Hildebrandt, L., Lee, B. H., Mohr, C., **Kostenidou, E.**, Tsimpidi, A. P., Karydis, V. A., Baltensperger, U., Donahue, N. M., Mihalopoulos, N., Pandis, S. N. and the FAME-08 AMS and Volatility Team: Characterizing the Composition and Volatility of Aged Organic Aerosol from Different Source Regions: The Finokalia Aerosol Measurement Experiment – 2008, European Geosciences Union (EGU) Meeting, 19th-24th April, Vienna, Austria, 2009.
 33. Hildebrandt, L., Lee, B. H., Mohr, C., **Kostenidou, E.**, Engelhart, J. G., DeCarlo, P., Prevot, S. H. A., Baltensperger, U., Donahue, N. M., Mihalopoulos, N., and Pandis, S. N.: Characterizing Composition and Volatility of Aged Organic Aerosol: The Finokalia Aerosol Measurement Experiment – 2008, American Geophysical Union (AGU) Fall Meeting, 15th-19th December, San Francisco, CA, US, 2008.
 34. Engelhart, J. G., **Kostenidou, E.**, Mohr, C., Hildebrandt, L., Baltensperger, U., and Pandis, S. N.: Water Content of Ambient Aerosol During the Finokalia Aerosol Measurement Experiment, American Assoc. for Aerosol Research (AAAR) 27th Annual Conference, 20th-24th October, Orlando, FL, US, 2008.
 35. **Kostenidou, E.**, Lee B. H., Engelhart, J. G., Pierce J. R., and Pandis S. N.: Mass Spectra Deconvolution of Low, Medium and High Volatility Biogenic Secondary Organic Aerosol, European Aerosol Conference (EAC), 24th-29th August, Thessaloniki, Greece, 2008.
 36. Lee B. H., **Kostenidou, E.**, Engelhart, J. G., Pierce J. R., and Pandis S. N.: Volatility measurements of secondary organic aerosol using a thermodenuder, European Aerosol Conference (EAC), 24th-29th August, Thessaloniki, Greece, 2008.
 37. Eleftheriadis, K., Vratolis, S., Karanasiou, A., Andronopoulos, S., Sfetsos, A., Gounaris, N., Maggos, T., Vasilakos, C., Neofytou, P., Housiadas, C., Papayannis, A., Tsaknakis, G., Georgoussis, G., Avdikos, G., Chontidiadis, K., Roukoutakis, Y., Vernardos, G., Sofianopoulos, M., Alexandropoulou, V., Lazaridis, M., **Kostenidou E.**, and Pandis S. N.: Development of an operational mapping system for the fine aerosol mass concentration and the estimated population exposure in Attica, Greece, European Aerosol Conference (EAC), 24th-29th August, Thessaloniki, Greece, 2008.
 38. Kofina A.N., Arvaniti E., **Kostenidou E.**, Koutsoukos P.G., Klepetsanis P.G.: Precipitation of struvite (MgNH₄PO₄·6H₂O) with enzymatic methods - kinetic study of enzymatic hydrolysis of

polyphosphate acids by phosphatases, *5th Panhellenic Scientific Chemical Engineering Conference*, 26th-28th May, Thessaloniki, Greece, 2005.