

Curriculum Vitae

Iasonas A. Stavroulas

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Education

- 2010 : Degree in Physics. University of Crete, Physics Department.
- 2013 : Msc Diploma. University of Crete, Chemistry Department, Environmental Science and Engineering
- 2014 - Currently: PhD Candidate. University of Crete, Chemistry Department.

Awards - Scholarships

- 2015 – 2017: Fellowship for doctoral studies. State Scholarships Foundation (IKY) Fellowships of Excellence for Postgraduate Studies in Greece - Siemens Programme.
- 2020 – 2021: Fellowship supporting young researchers. Operational Programme: Human Resources Development, Education and Lifelong Learning. European Social Fund.

Publications

Co-authored 31 publications in international scientific peer-reviewed journals and more than 50 publications presented in international scientific conferences. This work has received a total of 440 citations yielding an h-index of 12 (Source: Scopus, September 2020). A full list of the co-authored publications in Peer-Reviewed Journals as well as a list of presentations held at International Conferences, can be found in Appendices [A](#) and [B](#).

Book Chapters

D.G. Kaskaoutis, [I. Stavroulas](#), A. Bougiatioti, E. Gerasopoulos, N. Mihalopoulos, A. Alastuey, F. Dulac, M.C. Minguillón, A. Rashki, J. Sciare, G. Titos. **Diurnal to seasonal variability of aerosols above the Mediterranean.** Chapter 3.3 in *An overview of Mediterranean aerosol studies: Comprehensive Diagnosis and Impacts*. Edited by F. Dulac, S. Sauvage, and E. Hamonou. In Press, 2020.

Monographs

- New Particle Formation in the Eastern Mediterranean Atmosphere.** Diploma Thesis for the Physics Department supervised by Prof. N. Mihalopoulos of the Chemistry Department of the University of Crete (2010).
- Particle Size Distributions in the Eastern Mediterranean Atmosphere.** Masters Thesis supervised by Prof. Nikolaos Mihalopoulos (2013).

Working Experience

Positions

February 2012 - September 2015 : Research Fellow. University of Aegean. Department of Environment

February 2016 - currently: Research Assistant. The Cyprus Institute. Energy, Environment and Water Research Center.

June 2018 - currently: Research Associate. National Observatory of Athens. Institute for Environmental Research and Sustainable Development.

Projects

Thales SO-PHY-PRO-CLIM-GR. Determination of the Sources and the Physicochemical Properties of Fine and Ultrafine Aerosol Particles that affect the Regional Climate of Greece (15/09/2012 – 14/09/2015). Funding: European Social Fund and National Strategic Reference Framework. Contractor: University Of Aegean. Scientific Coordinator: C. Pilinis.

BACCHUS. Impact of Biogenic versus Anthropogenic emissions on Clouds and Climate: towards a Holistic Understanding (01/02/2016 – 31/01/2017). Funding: EU – FP7, project number 603445. Contractor: The Cyprus institute. Scientific Coordinator: N. Mihalopoulos.

ACTRIS 2. Aerosols, Clouds, and Trace gases Research InfraStructure Network (01/02/2017 – currently). Funding: H2020 – INFRAIA – 2014 – 2015. Contractor: The Cyprus Institute. Scientific Coordinator: J.Sciare.

ERA-PLANET/SMURBS. SMart URBan Solutions for air quality, disasters and city growth (01/09/2018 – currently). Funding: Horizon 2020 (H2020) SC5 – 15 – 2015 under the ERA-PLANET grant agreement no 689443. Contractor: National Observatory of Athens. Scientific Coordinator: E. Gerasopoulos.

PANACEA. PANhellenic infrastructure for Atmospheric Composition and climatE change (01/09/2020 – currently). Funding: NSRF 2014 – 2020 (MIS 5021516). Contractor: National Observatory of Athens. Scientific Coordinator: E. Gerasopoulos.

Teaching Experience

September 2013 - December 2013. Teaching assistant. Laboratories of Physical Chemistry I. Department of Chemistry. University of Crete.

January 2015 - May 2015. Teaching assistant. Laboratories of Physical Chemistry II. Department of Chemistry. University of Crete.

September 2015 - December 2015. Teaching assistant. Laboratories of Physical Chemistry I. Department of Chemistry. University of Crete.

Field Experience

During field work, mainly at the atmospheric monitoring station at **Finokalia**, at the **Cyprus Atmospheric Observatory**, the **Thissio Air Monitoring Station** and various field campaigns, I have gained expertise in operating several atmospheric monitoring instruments, such as:

Aerodyne Aerosol Chemical Speciation Monitor (ACSM), Scanning Mobility Particle Sizer (SMPS), ESA's LR-211-UV-D40 Four Channel Raman Lidar, Air Ion Spectrometer (AIS), Cloud Condensation Nuclei Counter (CCNc), Multi Angle Absorption Photometer (MAAP), Magee Scientific Aethalometer (AE-31, AE-33, AE-42), Nephelometer (TSI, Ecotech), Beta Gauge Continuous Ambient Particulate Monitor, FH62C14, Thermo TEOM 1400, Aerosol size distribution monitors (TSI APS, Grimm OPC), Various Gas monitors

Workshops - Seminars

ACTRIS intercomparison workshop for mobility particle size spectrometers and condensation particle counters, Leibniz Institute of Tropospheric Research, 16 – 20 September 2013, Leipzig, Germany

PSI SoFi Workshop, Paul Scherer Institute, 9 – 11 December 2013, Bad Zurzach, Switzerland

PSI SoFi Workshop, Paul Scherer Institute, 9 – 12 February 2015, Bad Zurzach, Switzerland

ACTRIS 2 ACSM Intercomparison Workshop, ACMCC, LSCE, CEA-CNRS, 7 – 11 March 2016, Paris, France

COST Action CA16109 COLOSSAL, Training School on Black and Brown Carbon, 15 – 17 January 2018, Ljubljana

COST Action CA16109 COLOSSAL, Training School on ToF-ACSM, 12 – 14 February 2018, Prague

COST Action CA16109 COLOSSAL, Training School on source apportionment of organic aerosol, 15 – 17 February 2018, Prague

PSI SoFi RealTime Workshop, Paul Scherer Institute, 2 – 6 December 2019, PSI Villigen, Switzerland

Languages

Greek. Native

French. Basic

English. Fluent

Computers and Data Analysis

Operating Systems : MS Windows, Linux

Programming : Fortran 77, Java SE

Software : Mathworks Matlab, Wavemetrics Igor Pro, L^AT_EX, MS Office

Specialized Software Packages : Source Finder (SoFi Pro), ZeFir

Miscellaneous

Driving License (Category B')

Appendices

A List of Publications in Peer Reviewed Journals

1. Kalivitis, N., Stavroulas, I., Bougiatioti, A., Kouvarakis, G., Gagné, S., Manninen, H., Kulmala, M., and Mihalopoulos, N. **Night-time enhanced atmospheric ion concentrations in the marine boundary layer.** *Atmospheric Chemistry and Physics*, 12, 3627 – 3638, <https://doi.org/10.5194/acp-12-3627-2012>, 2012.
2. Bougiatioti, A., Stavroulas, I., Kostenidou, E., Zarrmpas, P., Theodosi, C., Kouvarakis, G., Canonaco, F., Prévôt, A.S.H., Nenes, A., Pandis, S.N., and Mihalopoulos, N. **Processing of biomass-burning aerosol in the eastern Mediterranean during summertime.** *Atmospheric Chemistry and Physics*, 14, 4793 – 4807, <https://doi.org/10.5194/acp-14-4793-2014>, 2014.
3. Kalivitis, N., Kerminen, V.-M., Kouvarakis, G., Stavroulas, I., Bougiatioti, A., Nenes, A., Manninen, H. E., Petäjä, T., Kulmala, M., and Mihalopoulos, N. **Atmospheric new particle formation as a source of CCN in the eastern Mediterranean marine boundary layer.** *Atmospheric Chemistry and Physics*, 15, 9203 – 9215, <https://doi.org/10.5194/acp-15-9203-2015>, 2015.
4. Bougiatioti, A., Bezantakos, S., Stavroulas, I., Kalivitis, N., Kokkalis, P., Biskos, G., Mihalopoulos, N., Papayannis, A., and Nenes, A. **Biomass-burning impact on CCN number, hygroscopicity and cloud formation during summertime in the eastern Mediterranean.** *Atmospheric Chemistry and Physics*, 16, 7389 – 7409, <https://doi.org/10.5194/acp-16-7389-2016>, 2016.
5. Bougiatioti, A., Nikolaou, P., Stavroulas, I., Kouvarakis, G., Weber, R., Nenes, A., Kanakidou, M., and Mihalopoulos, N. **Particle water and pH in the eastern Mediterranean: source variability and implications for nutrient availability.** *Atmospheric Chemistry and Physics*, 16, 4579 – 4591, <https://doi.org/10.5194/acp-16-4579-2016>, 2016.
6. Kalkavouras, P., Bossioli, E., Bezantakos, S., Bougiatioti, A., Kalivitis, N., Stavroulas, I., Kouvarakis, G., Protonotariou, A. P., Dandou, A., Biskos, G., Mihalopoulos, N., Nenes, A., and Tombrou, M. **New Particle Formation in the South Aegean Sea during the Etesians: importance for CCN production and cloud droplet number.** *Atmospheric Chemistry and Physics*, 17, 175 – 192, [doi: 10.5194/acp-17-175-2017](https://doi.org/10.5194/acp-17-175-2017), 2017.
7. Fournziou, L., Liakakou, E., Stavroulas, I., Theodosi, C., Zarrmpas, P., Psiloglou, B., Sciare, J., Maggos, T., Bairachtari, K., Bougiatioti, A., Gerasopoulos, E., Sarda-Estève, R., Bonnaire, N., and Mihalopoulos, N. **Multi-tracer approach to characterize domestic wood burning in Athens (Greece) during wintertime.** *Atmospheric Environment*, 148, 89 – 101, [doi: 10.1016/j.atmosenv.2016.10.011](https://doi.org/10.1016/j.atmosenv.2016.10.011), 2017.
8. Michoud, V., Sciare, J., Sauvage, S., Dusanter, S., Léonardis, T., Gros, V., Kalogridis, C., Zannoni, N., Féron, A., Petit, J.-E., Crenn, V., Baisnée, D., Sarda-Estève, R., Bonnaire, N., Marchand, N., DeWitt, H. L., Pey, J., Colomb, A., Gheusi, F., Szidat, S., Stavroulas, I., Borbon, A., and Locoge, N. **Organic carbon at a remote site of the western Mediterranean Basin: sources and chemistry during the ChArMEx SOP2 field experiment.** *Atmospheric Chemistry and Physics*, 17, 8837 – 8865, <https://doi.org/10.5194/acp-17-8837-2017>, 2017.
9. Debevec, C., Sauvage, S., Gros, V., Sciare, J., Pikridas, M., Stavroulas, I., Salameh, T., Leonardis, T., Gaudion, V., Depelchin, L., Fronval, I., Sarda-Estève, R., Baisnée, D., Bonsang, B., Savvides, C., Vrekoussis, M., and Locoge, N. **Origin and variability in volatile organic compounds observed at an Eastern Mediterranean background site (Cyprus).** *Atmospheric Chemistry and Physics*, 17, 11355 – 11388, <https://doi.org/10.5194/acp-17-11355-2017>, 2017.
10. J. Schmale, S. Henning, B. Henzing, H. Keskinen, K. Sellegri, J. Ovadnevaite, A. Bougiatioti, N. Kalivitis, I. Stavroulas, A. Jefferson, M. Park, P. Schlag, A. Kristensson, Y. Iwamoto, K. Pringle, C. Reddington, P. Aalto, M. Äijälä, U. Baltensperger, J. Bialek, W. Birmili, N. Bukowiecki, M. Ehn, A. M. Fjæraa, M. Fiebig, G. Frank, R. Fröhlich, A. Frumau, M. Furuya, E. Hammer, L. Heikkinen, E. Herrmann, R. Holzinger, H. Hyono, M. Kanakidou, A. Kiendler-Scharr, K. Kinouchi, G. Kos, M. Kulmala, N. Mihalopoulos, G. Motos, A. Nenes, C. O'Dowd, M. Paramonov, T. Petäjä, D. Picard, L. Poulain, A. S. H. Prévôt, J. Slowik, A. Sonntag,

- E. Swietlicki, B. Svenningsson, H. Tsurumaru, A. Wiedensohler, C. Wittbom, J. A. Ogren, A. Matsuki, S. S. Yum, C. L. Myhre, K. Carslaw, F. Stratmann and M. Gysel. **Collocated observations of cloud condensation nuclei, particle size distributions, and chemical composition.** *Scientific Data*, Article number: 170003, doi : 10.1038/sdata.2017.3, 2017.
11. Schmale, J., Henning, S., Decesari, S., Henzing, B., Keskinen, H., Sellegri, K., Ovadnevaite, J., Pöhlker, M. L., Brito, J., Bougiatioti, A., Kristensson, A., Kalivitis, N., Stavroulos, I., Carbone, S., Jefferson, A., Park, M., Schlag, P., Iwamoto, Y., Aalto, P., Äijälä, M., Bukowiecki, N., Ehn, M., Frank, G., Fröhlich, R., Frumau, A., Herrmann, E., Herrmann, H., Holzinger, R., Kos, G., Kulmala, M., Mihalopoulos, N., Nenes, A., O'Dowd, C., Petäjä, T., Picard, D., Pöhlker, C., Pöschl, U., Poulain, L., Prévôt, A. S. H., Swietlicki, E., Andreae, M. O., Artaxo, P., Wiedensohler, A., Ogren, J., Matsuki, A., Yum, S. S., Stratmann, F., Baltensperger, U., and Gysel, M. **Long-term cloud condensation nuclei number concentration, particle number size distribution and chemical composition measurements at regionally representative observatories.** *Atmospheric Chemistry and Physics*, 18, 2853 – 2881, <https://doi.org/10.5194/acp-18-2853-2018>, 2018.
 12. Debevec, C., Sauvage, S., Gros, V., Sellegri, K., Sciare, J., Pikridas, M., Stavroulos, I., Leonardis, T., Gaudion, V., Depelchin, L., Fronval, I., Sarda-Esteve, R., Baisnée, D., Bonsang, B., Savvides, C., Vrekoussis, M., and Locoge, N. **Driving parameters of biogenic volatile organic compounds and consequences on new particle formation observed at an Eastern Mediterranean background site.** *Atmospheric Chemistry and Physics*, 18, 14297 – 14325, <https://doi.org/10.5194/acp-18-14297-2018>, 2018.
 13. Katsanos, D., Bougiatioti, A., Liakakou, E., Kaskaoutis, D.G., Stavroulos, I., Lianou, M., Psiloglou, B.E., Gerasopoulos, E. and Mihalopoulos, N. **Optical Properties of Near-surface Urban Aerosols and their Chemical Tracing in a Mediterranean City (Athens).** *Aerosol and Air Quality Research*, 19, 49 – 70, <https://doi.org/10.4209/aaqr.2017.11.0544>, 2019.
 14. Stavroulos, I., Bougiatioti, A., Grivas, G., Paraskevopoulou, D., Tsagkaraki, M., Zarnpas, P., Liakakou, E., Gerasopoulos, E. and Mihalopoulos, N. **Sources and processes that control the submicron organic aerosol composition in an urban Mediterranean environment (Athens): a high temporal-resolution chemical composition measurement study.** *Atmospheric Chemistry and Physics*, 19, 901 – 919, <https://doi.org/10.5194/acp-19-901-2019>, 2019.
 15. Kalivitis, N., Kerminen, V.-M., Kouvarakis, G., Stavroulos, I., Tzitzikalaki, E., Kalkavouras, P., Daskalakis, N., Myriokefalitakis, S., Bougiatioti, A., Manninen, H. E., Roldin, P., Petäjä, T., Boy, M., Kulmala, M., Kanakidou, M., and Mihalopoulos, N. **Formation and growth of atmospheric nanoparticles in the eastern Mediterranean: results from long-term measurements and process simulations.** *Atmospheric Chemistry and Physics*, 19, 2671 – 2686, <https://doi.org/10.5194/acp-19-2671-2019>, 2019.
 16. Paraskevopoulou, D., Bougiatioti, A., Stavroulos, I., Fang, T., Lianou, M., Liakakou, E., Gerasopoulos, E., Weber, R., Nenes, A. and Mihalopoulos, N. **Yearlong variability of oxidative potential of particulate matter in an urban Mediterranean environment.** *Atmospheric Environment*, 206, 183 – 196, <https://doi.org/10.1016/j.atmosenv.2019.02.027>, 2019.
 17. Kalkavouras, P., Bougiatioti, A., Kalivitis, N., Stavroulos, I., Tombrou, M., Nenes, A., and Mihalopoulos, N. **Regional new particle formation as modulators of cloud condensation nuclei and cloud droplet number in the eastern Mediterranean.** *Atmospheric Chemistry and Physics*, 19, 6185 – 6203, <https://doi.org/10.5194/acp-19-6185-2019>, 2019.
 18. Freney, E., Zhang, Y., Croteau, P., Amodeo, T., Williams, L., Truong, F., Petit, J.-E., Sciare, J., Sarda-Esteve, R., Bonnaire, N., Arumae, T., Aurela, M., Bougiatioti, A., Mihalopoulos, N., Coz, E., Artinano, B., Crenn, V., Elste, T., Heikkinen, L., Poulain, L., Wiedensohler, A., Herrmann, H., Priestman, M., Alastuey, A., Stavroulos, I., Tobler, A., Vasilescu, J., Zanca, N., Canagaratna, M., Carbone, C., Flentje, H., Green, D., Maasikmets, M., Marmureanu, L., Minguillon, M.C., Prévôt, A.S.H., Gros, V., Jayne, J. and Favez, O. **The second ACTRIS inter-comparison (2016) for Aerosol Chemical Speciation Monitors (ACSM): Calibration protocols and instrument performance evaluations.** *Aerosol Science and Technology*, 53 : 7, 830 – 842, <https://doi.org/10.1080/02786826.2019.1608901>, 2019.

19. Vratolis, S., 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.** *Atmospheric Environment*, 213,711 – 726, doi:10.1016/j.atmosenv.2019.05.064, 2019.
20. Tsiflikiotou, M. A., Kostenidou, E., Papanastasiou, D. K., Patoulias, D., Zampas, P., Paraskevopoulou, D., Diapouli, E., Kaltsonoudis, C., Florou, K., Bougiatioti, A., Stavroulas, I., Theodosi, C., Kouvarakis, G., Vasiliatou, 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.** *Atmospheric Environment*, 213, 597 – 607, <https://doi.org/10.1016/j.atmosenv.2019.06.013>, 2019.
21. Merabet, H., Kerbachi, R., Mihalopoulos, N., Stavroulas, I., Kanakidou, M., and Yassaa, N. **Measurement of atmospheric black carbon in some South Mediterranean cities: Seasonal variations and source apportionment.** *Clean Air Journal*, 29, 1 – 19, <https://doi.org/10.17159/caj/2019/29/2.7500>, 2019.
22. Pikridas, M., Bezantakos, S., Močnik, G., Keleshis, C., Brechtel, F., Stavroulas, I., Demetriades, G., Antoniou, P., Vouterakos, P., Argyrides, M., Liakakou, E., Drinovec, L., Marinou, E., Amiridis, V., Vrekoussis, M., Mihalopoulos, N., and Sciare, J. **On-flight intercomparison of three miniature aerosol absorption sensors using Unmanned Aerial Systems (UASs).** *Atmospheric Measurement Techniques*, 12, 6425 – 6447, <https://doi.org/10.5194/amt-12-6425-2019>, 2019.
23. Grivas, G., Stavroulas, I., Liakakou, E., Kaskaoutis, D.G., Bougiatioti, A., Paraskevopoulou, D., Gerasopoulos, E., and Mihalopoulos, N. **Measuring the spatial variability of black carbon in Athens during wintertime.** *Air Quality, Atmosphere and Health*, 12, 1405 – 1417, <https://doi.org/10.1007/s11869-019-00756-y>, 2019.
24. Liakakou, E., Stavroulas, I., Kaskaoutis, D.G., Grivas, G., Paraskevopoulou, D., Dumka, U.C., Tsagkaraki, M., Bougiatioti, A., Oikonomou, K., Sciare, J., Gerasopoulos, E., and Mihalopoulos, N. **Long-term variability, source apportionment and spectral properties of black carbon at an urban background site in Athens, Greece.** *Atmospheric Environment*, 222, 117137, <https://doi.org/10.1016/j.atmosenv.2019.117137>, 2020.
25. Liakakou, E., Kaskaoutis, D.G., Grivas, G., Stavroulas, I., Tsagkaraki, M., Paraskevopoulou, D., Bougiatioti, A., Dumka, U.C., Gerasopoulos, E., and Mihalopoulos, N. **Long-term brown carbon spectral characteristics in a Mediterranean city (Athens).** *Science of The Total Environment*, 708, 135019, doi: 10.1016/j.scitotenv.2019.135019, 2020.
26. Kaskaoutis, D.G., Grivas, G., Theodosi, C., Tsagkaraki, M., Paraskevopoulou, D., Stavroulas, I., Liakakou, E., Gkikas, A., Hatzianastassiou, N., Wu, C., Gerasopoulos, E., and Mihalopoulos, N. **Carbonaceous Aerosols in Contrasting Atmospheric Environments in Greek Cities: Evaluation of the EC-tracer Methods for Secondary Organic Carbon Estimation.** *Atmosphere*, 11(2), 161, 2020.
27. Kalkavouras, P., Bougiatioti, A., Grivas, G., Stavroulas, I., Kalivitis, N., Liakakou, E., Gerasopoulos, E., Pilinis, C. and Mihalopoulos, N. **On the regional aspects of new particle formation in the Eastern Mediterranean: A comparative study between a background and an urban site based on long term observations.** *Atmospheric Research*, In Press, doi:10.1016/j.atmosres.2020.104911, 2020.
28. Rigler, M., Drinovec, L., Lavrič, G., Vlachou, A., Prévôt, A.S.H., Jaffrezo, J. L., Stavroulas, I., Sciare, J., Burger, J., Kranjc, I., Turšič, J., Hansen, A.D.A., and Močnik, G. **The new instrument using a TC-BC (total carbon-black carbon) method for the online measurement of carbonaceous aerosols.** *Atmos. Meas. Tech.*, 13, 4333 – 4351, <https://doi.org/10.5194/amt-13-4333-2020>, 2020.
29. Drinovec, L., Sciare, J., Stavroulas, I., Bezantakos, S., Pikridas, M., Unga, F., Savvides, C., Višić, B., Remškar, M., and Močnik, G. **A new optical-based technique for real-time measurements of mineral dust concentration in PM₁₀ using a virtual impactor.** *Atmos. Meas. Tech.*, 13, 3799 – 3813, <https://doi.org/10.5194/amt-13-3799-2020>, 2020.
30. Panopoulou, A., Liakakou, E., Sauvage, S., Gros, V., Locoge, N., Stavroulas, I., Bonsang, B., Gerasopoulos, E., and Mihalopoulos, N. **Yearlong measurements of Monoterpenes and Isoprene in a Mediter-**

ranean city (Athens): Natural vs anthropogenic origin. *Atmospheric Environment*, 243, 117803, <https://doi.org/10.1016/j.atmosenv.2020.117803>, 2020.

31. Stavroulas, I., Grivas, G., Michalopoulos, P., Liakakou, E., Bougiatioti, A., Kalkavouras, P., Fameli, K.M., Hatzianastassiou, N., Mihalopoulos, N., and Gerasopoulos, E. **Field Evaluation of Low-Cost PM Sensors (Purple Air PA-II) Under Variable Urban Air Quality Conditions, in Greece.** *Atmosphere*, 11, 926, <https://doi.org/10.3390/atmos11090926>, 2020.

B List of Publications in International Conferences

1. N. Kalivitis, I. Stavroulas, A. Bougiatioti, G. Kouvarakis, S. Gagné, H. E. Manninen, M. Kulmala, A. Wiedensohler, N. Mihalopoulos. **Atmospheric nucleation in the eastern Mediterranean marine boundary layer.** *11th Science Conference of the International Global Atmospheric Chemistry project* 2010
2. N. Kalivitis, I. Stavroulas, S. Gagné, H. E. Manninen, M. Kulmala, N. Mihalopoulos. **Night-time nucleation of atmospheric particles in the marine boundary layer.** In *International Aerosol Conference* 2010.
3. A. Bougiatioti, P. Zarnpas, C. Theodosi, I. Stavroulas, G. Kouvarakis, F. Canonaco, A.S.H. Prévôt, S. N. Pandis, and N. Mihalopoulos. **High temporal resolution measurements of biomass burning events during summertime in the Eastern Mediterranean.** *European Geosciences Union General Assembly* 2013.
4. N. Kalivitis, V.-M. Kerminen, G. Kouvarakis, I. Stavroulas, A. Bougiatioti, A. Nenes, H.E. Manninen, T. Petäjä, M. Kulmala and N. Mihalopoulos. **A case of CCN formation associated with atmospheric nucleation in eastern Mediterranean.** *European Aerosol Conference* 2013
5. S. Vratolis, M. Gini, D. Siakavaras, S. Bezantakos, I. Stavroulas, N. Kalivitis, E. Kostenidou, E. Louvaris, G. Biskos, N. Mihalopoulos, S. Pandis, C. Pilinis, K. Eleftheriadis. **Particle Number Size Distribution Statistics at Urban and Suburban Background and Remote Sites in Greece during Summer.** *European Aerosol Conference* 2013
6. S. Bezantakos, A. Bougiatioti, I. Stavroulas, K. Eleftheriadis, N. Mihalopoulos, A. Nenes, S. Pandis, G. Biskos. **Hygroscopic Properties and Mixing State of Ultrafine Aerosol Particles over the Eastern Mediterranean Background Site of Finokalia.** *European Aerosol Conference* 2013
7. A. Bougiatioti, S. Bezantakos, I. Stavroulas, G. Biskos, N. Mihalopoulos and A. Nenes. **Contribution of biomass burning to CCN number and hygroscopicity during summertime in the Eastern Mediterranean.** *American Association for Aerosol Research 32nd Annual Conference*, 2013
8. Kalkavouras P., Bezantakos S., Bossioli E., Stavroulas I., Kouvarakis G.N., Protonotariou A.P., Dandou A., Biskos G., Mihalopoulos N., Tombrou M. **Simultaneous gas and aerosol measurements at Santorini and Finokalia during Etesians.** *12th International Conference of Meteorology, Climatology and Physics of the Atmosphere.*, 2014
9. Stavroulas I., Triantafilou S., Kalivitis N., Mihalopoulos N. **Fitting ambient submicron particle size distributions using the Expectation Maximization Algorithm.** *12th International Conference of Meteorology, Climatology and Physics of the Atmosphere.*, 2014
10. I. Stavroulas, L. Fourtziou, Bougiatioti A., Zarnpas P., Psiloglou B., Liakakou E., Gerasopoulos E., Sciare J. and Mihalopoulos N. **Source apportionment of organic submicron aerosols during wintertime over the Athens metropolitan area. Wood combustion contribution.** *13th International Global Atmospheric Chemistry Science Conference* 2014
11. A. Bougiatioti, I. Stavroulas, E. Kostenidou, F. Canonaco, A.S.H. Prévôt, S. N. Pandis and N. Mihalopoulos. **Sources, seasonal variability and oxidation state of organic aerosol in the Eastern Mediterranean.** *13th International Global Atmospheric Chemistry Science Conference* 2014
12. A. Bougiatioti, I. Stavroulas, E. Kostenidou, F. Canonaco, S. N. Pandis, A. Nenes and N. Mihalopoulos. **Contribution of biomass burning to the total organic aerosol in the Eastern Mediterranean.** *American Association for Aerosol Research 33rd Annual Conference*, 2014
13. I. Stavroulas, L. Fourtziou, P. Zarnpas, A. Bougiatioti, E. Liakakou, J. Sciare, N. Mihalopoulos. **Contribution of wood combustion in winter submicron ambient aerosols over Athens.** *European Geosciences Union General Assembly*, 2014

14. N. Kalivitis, G. Kouvarakis, A. Bougiatioti, I. Stavroulas, A. Wiedensohler and N. Mihalopoulos. **Five-years of atmospheric aerosol number size distribution measurements in Eastern Mediterranean.** *European Geosciences Union General Assembly*, 2014
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