

Curriculum Vitae Giannakaki Eleni

A. PERSONAL INFORMATION

Date of birth: 16 October, 1979
Place of birth: Thessaloniki
Work address: Laboratory of Atmospheric Physics, 54006, Physics department, Aristotle University of Thessaloniki
Home address: Leonidou 14, 54250, Thessaloniki
Telephone.: +30-2310-998009 (*office*), +30-2310-313360 (*home*),
+30-6947-022968 (*mobile*)
Fax: +30 2310 998090
Email : egian@auth.gr

B. EDUCATION

1998-2002: Bachelor degree in Physics, Aristotle University of Thessaloniki, Greece.
2002-2004: M.Sc.degree in Environmental Physics, Aristotle University of Thessaloniki, Greece.
2005-2009: PhD in Physics: Study of optical and physical properties of aerosols using laser remote sensing techniques.

C. WORKING EXPERIENCE

2010-2011: Post Doctoral Research Associate, Institute for Tropospheric Research, Leipzig, Germany.
2009-2011: Post Doctoral Research Associate, Laboratory of Atmospheric Physics, Physics department, Aristotle University of Thessaloniki, Greece
2004-2011: Research Scientist, Laboratory of Atmospheric Physics, Physics department, Aristotle University of Thessaloniki, Greece.

D. PARTICIPATION IN RESEARCH PROGRAMMS

1. «*Lidar Climatology of Vertical Aerosol Structure for Space-Based Lidar Simulation Studies*», **European Space Agency**, 15/04/2011 – 15/04/2013.

1. «*Aerosols, Clouds, and Trace gases Research Infrastructure Network*», **European Commission**. 01/04/2011 – 01/04/2015.
2. «*Promote Air Quality Services integrating Observations – Development of Basic Localised Information for Europe (PASODOBLE)*», **European Commission**, 01/05/2010 – 30/04/2013.
3. «*Study of atmospheric source pollution in SE Europe with the synergy of satellite observations*», **Ministry of Education, Lifelong Learning and Religious Affairs**, 01/02/2011 – 31/01/2012.
4. «*Vertical Resolved Aerosol Model for Europe from a Synergy of EARLINET and AERONET data (VRAME)*», **European Space Agency**, 04/01/2010 – 15/06/2011.
5. «*Satellite service for Ozone and atmospheric chemistry*», **EUMETSAT**
6. «*European Aerosol Lidar Network (EARLINET-ASOS)*», **European Commission**, 01/03/2006 – 28/02/2001.
7. «*Aerosols and Clouds*», **European Space Agency**, 21/04/2008 – 20/04/2010.
8. «*Study of atmospheric transport processes of particles with the combined use of satellite, ground measurements and computational models*», **General Secretariat for research and technology**, 01/06/2005 – 31/05/2008.
9. «*New algorithm of GOME ozone and revaluation*», **European Space Agency**, 01/05/2004 – 31/12/2004.
10. «*Development and implementation of specific activities EUMESAT to monitor ozone*», **EUMETSAT**, 01/01/2003 – 28/02/2007.
11. «*Attenuation of solar radiation by anthropogenic particles*», **European Commission**, 01/01/2002 – 31/12/2005.
12. «*Implementing innovative photocatalytic coatings for evaluating decontamination*», **European Commission**, 2002-2005..

E. PARTICIPATION IN SUBMITTED PROPOSALS (UNDER EVALUATION)

1. Post Doctoral Research Programme: «**HOMEMADE: Homogeneous Optical and Micro-physical East Mediterranean Aerosol Database**»,
2. European Facility For Airborne Research (EUFAR): «**Evaluation of CALIPSO's aerosol classification scheme over Eastern Mediterranean**»
3. Thalís: «**Astroparticle Physics with Imaging Atmospheric Cherenkov Technique (IACT) – Collaboration Cherenkov Telescope Array (CTA)**»

F. PARTICIPATION IN EXPERIMENTAL CAMPAIGNS

- Stratospheric-Climate Links with Emphasis on the Upper Troposphere and Lower Stratosphere (SCOUT-O3), Thessaloniki, July 2007.
- Spatial and temporal UV irradiance and aerosol variability within the area of an OMI satellite pixel, Thessaloniki, October 2006.

G. PUBLICATIONS

G1. MONOGRAPHS

Giannakaki E., Study of optical and physical properties of aerosols using laser remote sensing techniques, Ph.D. thesis, University of Thessaloniki, Physics Department, 2009.

G2. IN PEER-REVIEWED JOURNALS

1. Amiridis, V., D. S. Balis, S. Kazadzis, A. Bais, E. Giannakaki, A. Papayannis, and C. Zerefos, Four-year aerosol observations with a Raman lidar at Thessaloniki, Greece, in the framework of European Aerosol Research Lidar Network (EARLINET), *Journal of Geophysical Research*, 110, D21203, doi:10.1029/2005JD006190, 2005.
2. Giannakaki, E., D.S. Balis, V. Amiridis, and S. Kazadzis, Optical and geometrical characteristics of cirrus clouds over a Southern European lidar station, *Atmospheric Chemistry and Physics*, 7, 5519-5530, 2007.
3. Amiridis, V., D. Melas, D. S. Balis, A. Papayannis, D. Founda, E. Katragkou, E. Giannakaki, R. E. Mamouri, E. Gerasopoulos, and C. Zerefos, Aerosol lidar observations and model calculations of the planetary boundary layer evolution over Greece, during the March 2006 total solar eclipse, *Atmospheric Chemistry and Physics*, 7, 6181-6189, 2007.
4. Müller D., B. Heinold, M. Tesche, I. Tegen, D. Althausen, L. Alados Arboledas, V. Amiridis, A. Amodeo, A. Ansmann, D. Balis, A. Comeron, G. D'Amico, E. Gerasopoulos, J. L. Guerrero-Rascado, V. Freudenthaler, E. Giannakaki, B. Heese, M. Iarlori, P. Knippertz, R. E. Mamouri, L. Mona, A. Papayannis, G. Pappalardo, R.-M. Perrone, G. Pisani, V. Rizi, M. Sicard, N. Spinelli, A. Tafuro and M. Wiegner, EARLINET Observations of the 14–22-May Long-Range Dust Transport Event During SAMUM 2006: Validation of Results from Dust Transport Modelling, *Tellus*, 61B, 325-339, 2009.
5. Amiridis, V., D. S. Balis, E. Giannakaki, A. Stohl, S. Kazadzis, M. E. Koukouli, and P. Zanis, Optical characteristics of biomass burning aerosols over Southeastern Europe determined from UV-Raman lidar measurements, *Atmospheric Chemistry and Physics*, 9, 2431-2440, 2009.
6. Kazadzis, S., A. Bais, D. Balis, N. Kouremeti, M. Zempila, A. Arola, E. Giannakaki, V. Amiridis and A. Kazantzidis, Spatial and temporal UV irradiance and aerosol variability within the area of an OMI satellite pixel, *Atmospheric Chemistry and Physics*, 9, 4593-4601, 2009.
7. Amiridis, V., M. Kafatos, C. Perez, S. Kazadzis, E. Gerasopoulos, R.E. Mamouri, A. Papayannis, P. Kokkalis, E. Giannakaki, S. Basart, I. Daglis and C. Zerefos, The potential of the synergistic use of passive and active remote sensing measurements for the validation of a regional dust model, *Annales Geophysicae*, 27, 3155-3164, 2009.
8. Mamouri, R. E., V. Amiridis, A. Papayannis, E. Giannakaki, G. Tsaknakis and D. Balis, Validation of CALIPSO space-borne derived attenuated backscatter coefficient profiles using

- a ground-based lidar in Athens, Greece, *Atmospheric Measurements Techniques*, 2, 513-522, 2009.
9. Pappalardo, G., U. Wandinger, L. Mona, A. Hiebsch, I. Mattis, A. Amodeo, A. Ansmann, P. Seifert, H. Linné, A. Apituley, A. L. Arboledas, D. Balis, A. Chaikovskiy, G. D' Amico, F. De Tomasi, V. Freudenthaler, E. Giannakaki, A. Giunta, I. Grigorov, M. Iarlori, F. Madonna, R-E. Mamouri, L. Nasti, A. Papayannis, A. Pietruczuk, M. Pujadas, V. Rizi, F. Rocaadenbosch, F. Russo, F. Schnell, N. Spinelli, X. Wang and M. Wiegner, EARLINET correlative measurements for CALIPSO: First intercomparison results, *Journal of Geophysical Research*, 115, D00H19, doi: 10.1029/2009JD012147, 2010.
 10. Balis D., E. Giannakaki, D. Müller, V. Amiridis, K. Kelektoglou, S. Rapsomanikis and A. Bais, Estimation of the microphysical aerosol properties over Thessaloniki, Greece, during the SCOUT-O₃ campaign with the synergy of Raman lidar and Sun photometer data, *Journal of Geophysical Research*, 115, D08202, doi: 10.1029/2009JD013088, 2010.
 11. Giannakaki E., D.S. Balis, V. Amiridis and C. Zerefos, Optical properties of different aerosol types: Seven years of combined Raman-elastic backscatter lidar measurements in Thessaloniki, Greece, *Atmospheric Measurements Techniques*, 3, 569-578, 2010.
 12. Amiridis, V., E. Giannakaki, D. Balis, E. Gerasopoulos, I. Pytharoulis, P. Zanis, S. Kazadzis, D. Melas and C. Zerefos, Smoke injection heights from agricultural burning in Eastern Europe as seen by CALIPSO, *Atmospheric Chemistry and Physics*, 10, 11567-11576, 2010.
 13. Amiridis, V., D. Balis, E. Giannakaki, S. Kazadzis, A. Arola, and E. Gerasopoulos, Characterization of the aerosol type using simultaneous measurements of the lidar ratio and estimations of the single scattering albedo, *Atmospheric Research*, in press, 2011.

Under review:

14. A. Papayannis; R. E. Mamouri, P. Kokkalis, V. Amiridis, N. I. Kristiansen, A. Stohl, D Balis, E. Giannakaki, D. Nicolae, G. Tsaknakis, L. Belegante, A. Nemuc, I. Veselovskii, M. Korenskiy, K. Allakhverdiev, M. Huseyinoglu and T. Baykara, Optical properties and vertical extension of ash layers over the Eastern Mediterranean as observed by Raman lidars during the Eyjafjallajökull eruption (May 2010), *Atmospheric Environment*, under review.
15. Amiridis, V., C. Zerefos, S. Kazadzis, E. Gerasopoulos, K. Eleftheratos, I. Keramitsoglou, E. Kostopoulou, M. Vrekoussis, C. Kontoes, A. Stohl, C. Giannakopoulos, V. Kotroni, K. Lagouvardos, A. Richter, J.P. Burrows, E. Marinou, E. Giannakaki and K. Eleftheriadis, The impact of the 2009 Attica wild fires on the air quality of the Athens urban environment, *Atmospheric Environment*, under review.

G3. IN CONFERENCE PROCEEDINGS

1. Balis, D., V. Amiridis, S. Nickovic, A. Papayannis, C. Zerefos, and E. Giannakaki, Optical Properties of Saharan dust over Thessaloniki, Greece, in *Reviewed and Revised Papers*

Presented at the 22nd International Laser Radar Conference (ILRC22), July 12-16, Matera, Italy, 887-890, 2004.

2. Giannakaki, E., V. Amiridis, and D. Balis, Cirrus measurements with a Raman lidar over Thessaloniki, Greece, during EARLINET, ***in Reviewed and Revised Papers Presented at the 22nd International Laser Radar Conference (ILRC22), July 12-16, Matera, Italy***, 391-393, 2004.
3. Amiridis, V., D. Balis, E. Giannakaki, and C. Zerefos, Multilayer aerosol climatology derived from regular lidar measurements in the framework of EARLINET (2001-2004), at Thessaloniki, Greece, ***in Geophysical Research Abstracts Volume 7, European Geosciences Union, General Assembly, April 24-29, Vienna, Austria, EGU05-A-03046***, 2005.
4. Giannakaki, E., V. Amiridis, and D. Balis, Cirrus clouds observations at Thessaloniki with a Raman lidar in the framework of EARLINET (2001-2004), ***in Geophysical Research Abstracts Volume 7, European Geosciences Union, General Assembly, April 24-29, Vienna, Austria, EGU05-A-03094***, 2005.
5. Koukouli, M., D. Balis, A. Bais, V. Amiridis, S. Kazadzis, E. Giannakaki, N. Kouremeti, and O. Torres, Aerosol characterization over Northern Greece; aerosol loading derived from satellite observations and ground-based measurements, ***in Proceedings of the Atmospheric Science Conference (ESA Special Publication), May 8-12, ESA-ESRIN, Frascati***, 2006.
6. Koukouli, M., D. Balis, A. Bais, V. Amiridis, E. Giannakaki, S. Kazadzis, N. Kouremeti, O. Torres, OMI/Aura Aerosol Index and ground-based Brewer observations of Aerosol Optical Depth as scientific tools for the analysis of aerosol concentrations over Eastern Europe, ***in Geophysical Research Abstracts Volume 8, European Geosciences Union, General Assembly, April 02-07, Vienna, Austria, EGU06-A-03312***, 2006.
7. Pappalardo G., J. Bösenberg, D. Müller, A. Ansmann, H. Linné, L. Mona, A. Amodeo, A. Apituley, A. Chaikovsky, f. De Tomasi, V. Freudenthaler, E. Giannakaki, I. Grigorov, M. Iarlori, I. Mattis, V. Mitev, A. Papayannis, J.L. Guerrero-Rascado, M. Sicard, N. Spinelli and U. Wandinger, EARLINET Correlative Measurements for CALIPSO, ***in American Geophysical Union Fall Meeting, December 11-15***, San Francisco, 2006.
8. Balis D., V. Amiridis, E. Giannakaki, S. Kazadzis, C. Zerefos, A. Papayannis, The effect of fires in Russia's Southern Agricultural District on the aerosol loading over Northern Greece. Raman lidar and sunphotometric measurements of biomass burning aerosol optical properties, ***in Proceedings of the 7th International Symposium on Tropospheric Profiling: Needs and Technologies, June 11-17, Boulder, Colorado***, 2.13-P 2006.
9. Balis D., V. Amiridis, E. Giannakaki, S. Kazadzis, A. Arola, A. Papayannis, Characteristics of biomass burning aerosols over SE Europe determined from lidar and sunphotometric measurements, ***in Proceedings of the 23rd International Laser and Radar conference (ILRC23), July 24-28, Nara, Japan***, 317-320, 2006.

10. Giannakaki E., V. Amiridis, D. Balis, Mean optical characteristics of cirrus clouds at a mid-latitude EARLINET station, in ***Proceedings of the 23rd International Laser and Radar conference (ILRC23), July 24-28, Nara, Japan***, 483-486, 2006.
11. Amiridis V., E. Giannakaki, M. Koukoulis, S. Kazadzis, D. Balis, A. Bais, Evaluation of the OMI aerosol index using coincident lidar observations, in ***Proceedings of the 23rd International Laser and Radar conference (ILRC23), July 24-28, Nara, Japan***, 777-780, 2006.
12. Balis, D., E. Giannakaki, V. Amiridis, F. Boubouloudis, CALIPSO correlative measurements over Thessaloniki EARLINET station: First results, in ***4th Workshop on Lidar Measurements in Latin America, June 17-23, Ilhabela, São Paulo, Brazil***, 2007.
13. Giannakaki E., D. Balis, V. Amiridis, S. Kazadzis, Optical and geometrical properties of cirrus clouds over a mid-latitude lidar station, in ***4th Workshop on Lidar Measurements in Latin America, June 17-23, Ilhabela, São Paulo, Brazil***, 2007.
14. Giannakaki, E., D.S. Balis, V. Amiridis, S. Kazadzis, Optical properties of cirrus clouds at a mid-latitude EARLINET station, in ***Proceedings of SPIE, Remote Sensing of Clouds and the Atmosphere XII, 6745, doi:10.1117/12.740698, September 17-20, Florence, Italy***, 6745, 67450M-1, doi: 10.1117/12.740698, 2007.
15. Mattis I., L. Mona, D. Müller, G. Pappalardo, L. A. Arboledas, G. D' Amico, A. Amodeo, A. Apituley, J. M. Baldasano, C. Böckmann, J. Bösenberg, A. Chaikovsky, A. Comeron, E. Giannakaki, I. Grigorov, J. L. Guerrero Rascado, O. Gustafsson, M. Iarlori, H. Linné, V. Mitev, F. M. Menéndez, D. Nicolae, A. Papayannis, C. Perez, G. Pando, M. R. Perrone, A. Pietruczuk, J. P. Putaud, F. Ravetta, A. Rodríguez, P. Seifert, . Sicart, V. Simeonov, P. Sobolewski, N. Spinelli, K. Stebel, A. Stohl, M. Tesche, T. Trickl, X. Wang and M. Wiegner, EARLINET correlative measurements for CALIPSO, in ***Proceedings of SPIE Remote Sensing of Clouds and the Atmosphere XII, 6745, doi:10.1117/12.740698, September 17-20, Florence, Italy***, 6750, 67500Z-1, doi: 10.1117/12.738090, 2007.
16. Kazadzis, S., A. Bais, D. Balis, A. Kazantzidis, S. Misios, N. Kouremeti, E. Giannakaki, M. Zebila, V. Amiridis, P. Tzoumaka, SCOUT aerosol campaign: Temporal and spatial variations of aerosols at Thessaloniki, Greece, in ***UV conference celebrating 100 years of UV research, September 18-20, Davos, Switzerland***, 83-84, 2007.
17. Balis, D., E. Giannakaki, V. Amiridis, F. Boubouloudis, CALIPSO correlative measurements over Thessaloniki EARLINET station: First results, in ***Proceedings of the 24th International Laser and Radar conference (ILRC24), July 23-27, Colorado***, 1153-1156, 2008.
18. Giannakaki, E., D. Balis, D. Müller, V. Amiridis, S. Rapsomanikis, A. Bais, Estimates of microphysical aerosol properties over Thessaloniki, Greece, using a Raman lidar and sunphotometric data, in ***Proceedings of the 24th International Laser and Radar conference (ILRC24), July 23-27, Colorado***, 490-493, 2008.
19. Lopes A., E. Landulfo, E. Giannakaki, One-year of CALIPSO measurements over the city of São Paulo, in ***Proceedings of the 24th International Laser and Radar conference (ILRC24), July 23-27, Colorado***, 1169-1172, 2008.

20. Mattis I., D. Müller, H. Baars, I. Tegen, J. Meier, L. Mona, G. Pappalardo, A. Amodeo, G. D' Amico, A. Stohl, X. Wang, F. Molero Menendez, A. Sicard, M. Rodriguez, J. M. Baldasano, I. Grigorov, E. Giannakaki, L.A. Arboledas, L. Guerrero Rascado, C. Perez, A. Apituley, O. Gustafsson, Complementary use of EARLINET, CALIPSO and AERONET observations: Case study July 24, 2006, in ***Proceedings of the 24th International Laser and Radar conference (ILRC24), July 23-27, Colorado***, 1121-1124, 2008.
21. Mamouri, R.E., A. Papayannis, A. Nemuc, D. Nicolae, E. Giannakaki, D. Balis, G. Tsaknakis, V. Amiridis, G. Georgoussis, G. Avdikos, Air mass modification observed by ground-based and space-borne (CALIPSO) lidars over the Balkan Peninsula, in ***Proceedings of the 24th International Laser and Radar conference (ILRC24), July 23-27, Colorado***, 502-505, 2008.
22. Kazadzis, S., A. Bais, D. Balis, M. Zebila, N. Kouremeti, A. Kazantzidis, E. Giannakaki, M. Koukouli, C. Meleti, V. Amiridis, J. Herman and A. Tanskanen, Evaluation of OMI-derived UV radiation, total ozone and aerosol properties against ground-based measurements, in ***Proceedings of the IX EMTE National-International Conference of Meteorology-Climatology and Atmospheric Physics, May 28-31, Thessaloniki, Greece***, 2008.
23. Giannakaki, E., D. Balis, V. Amiridis and M. Koukouli, Optical properties of different aerosol types determined by a Backscatter-Raman lidar at Thessaloniki, in ***Journal of Aerosol Science, European Aerosol Conference 2008, August 24-29, Thessaloniki, Greece***, T06A141O, 2008.
24. Kazadzis, S., A. Bais, A. Tanskanen, D. Balis, M. Zebila, N. Kouremeti, A. Kazantzidis, E. Giannakaki, C. Meleti, V. Amiridis and J. Herman, OMI campaign: The effect of spatial and temporal aerosol variability on OMI solar irradiance products, in ***Journal of Aerosol Science, European Aerosol Conference 2008, August 24-29, Thessaloniki, Greece***, T06A156P, 2008.
25. Balis, D., E. Giannakaki, S. Bourtsoukidis, V. Amiridis and G. Georgoussis, Spatial and vertical variability of aerosol optical properties within a satellite pixel over the greater area of Thessaloniki during the OMI campaign in October 2007, in ***Journal of Aerosol Science, European Aerosol Conference 2008, August 24-29, Thessaloniki, Greece***, T06A159P, 2008.
26. Bais, A., M. Blumthaler, A. Wedd, G. Seckmeyer, S. Rapsomanikis, T. Ruhtz, R. Schmidhauser, J. Herman, D. Balis, S. Kazadzis, B. Schallard, R. Kiff, A. Cede, D. Pissula, M. Wiegner, A. Kazantzidis, N. Kouremeti, E. Giannakaki and A. Kelektoglou, Effects of aerosols on UV radiation: Overview of the SCOUT-O₃ campaign, in ***Journal of Aerosol Science, European Aerosol Conference 2008, August 24-29, Thessaloniki, Greece***, T06A137P, 2008.
27. Wandinger U., G. Pappalardo, L. Mona, A. Hiebsch, I. Mattis, F. Madonna, A. Ansmann, H. Linné, A. Apituley, L. A. Arboledas, D. Balis, A. Chaikovskiy, G. D'Amico, F. De Tomasi, V. Freudenthaler, E. Giannakaki, A. Giunta, I. Grigorov, M. Iarlori, R.-E. Mamouri, A. Papayannis, A. Pietruczuk, M. Pujadas, V. Rizi, F. Rocaadenbosch, N. Spinelli, X. Wang, M. Wiegner, Long-term aerosol and cloud database from space-borne lidar and ground-

- based lidar network observations, in *The EarthCARE workshop 2009, June 10-12, Kyoto, Japan*, 85-90, 2009
28. G. Pappalardo, Wandinger U., L. Mona, I. Mattis, A. Hiebsch, A. Amodeo, A. Ansmann, H. Linné, A. Apituley, L. A. Arboledas, D. Balis, A. Chaikovsky, G. D'Amico, F. De Tomasi, V. Freudenthaler, E. Giannakaki, A. Giunta, I. Grigorov, M. Iarlori, R.-E. Mamouri, A. Papayannis, A. Pietruczuk, M. Pujadas, V. Rizi, F. Rocadenbosch, N. Spinelli, X. Wang and M. Wiegner, The EARLINET contribution to the EARTH-CARE mission, in *The EarthCARE workshop 2009, June 10-12, Kyoto, Japan*, 91-98, 2009
 29. E. Giannakaki, D. Müller and D. Balis, Microphysical and optical properties of aerosols at Thessaloniki, Greece: Comparison of two different inversion algorithms, in *European Aerosol Conference, T046A18, Karlsruhe, Germany, 6-11 September, 2009*
 30. Balis D., E. Giannakaki, E. Katragkou, M. Wiegner, K. Markakis, T. Giannaros and V. Amiridis, Differences of the aerosol load between an urban and suburban site using remote sensing measurements and model estimates, in *European Aerosol Conference, T046A18, Karlsruhe, Germany, 6-11 September, 2009*
 31. Giannakaki E., D. Balis and V. Amiridis, Seven years of Raman/backscatter lidar observations of free-tropospheric aerosol layers over Thessaloniki, Greece: Geometrical properties, in *International Symposium on Tropospheric Profiling: Needs and Technologies, 18-23 October, Delft, Netherlands, 2009*.
 32. Amiridis V., E. Giannakaki and D. Balis, Characteristics of smoke from biomass burning in Eastern Europe by the synergy of satellite active and passive remote sensing, in *International Symposium on Tropospheric Profiling: Needs and Technologies, 18-23 October, Delft, Netherlands, 2009*.
 33. Balis D., E. Giannakaki E., V. Amiridis and C. Perez, Saharan dust observations over Thessaloniki using backscatter/Raman lidar and BSC/DREAM model, in *International Symposium on Tropospheric Profiling: Needs and Technologies, 18-23 October, Delft, Netherlands, 2009*.
 34. Giannakaki E., D. Balis and V. Amiridis, Optical properties of different aerosol types: Seven years of combined Raman-elastic backscatter lidar measurements in Thessaloniki, Greece, in *Latin American Workshop, 30 November – 04 December, Buenos Aires, Brazil, 2009*.
 35. Giannakaki E., D. Balis, D. Müller and V. Amiridis, Estimation of the microphysical aerosol properties over Thessaloniki, Greece, during the SCOUT-O₃ campaign with the synergy of Raman lidar and sunphotometer, in *Latin American Workshop, 30 November – 04 December, Buenos Aires, Brazil, 2009*.
 36. Giannakaki E., Balis D., Bais A., Detection of volcanic ash from the Eyjafjallajökull eruption with a Raman lidar over Thessaloniki, Greece, in *Geophysical Research Abstracts Volume 12, European Geosciences Union, General Assembly, May 01-07, Vienna, Austria, 2010*.

37. Giannakaki E., D.Balis and V. Amiridis, Optical properties of different aerosol types: Seven years of combined Raman elastic backscatter lidar measurements in Thessaloniki, Greece, in ***Proceedings of the X EMTE National-International Conference of Meteorology-Climatology and Atmospheric Physics, May 25-28, Patra, Greece, 2010.***
38. Balis D., E. Giannakaki, D. Müller, V. Amiridis and A. Bais, Estimation of the microphysical aerosol properties over Thessaloniki, Greece, during the SCOUT-O3 campaign with the synergy of Raman lidar and sunphotometer data, in ***Proceedings of the X EMTE National-International Conference of Meteorology-Climatology and Atmospheric Physics, May 25-28, Patra, Greece, 2010.***
39. Amiridis V., J. Groebner, S. Nyeki, E. Giannakaki, D. Müller, S. Kazadzis, P. Kokkalis, N.Kouremeti, D. Balis, A. Papayannis and I. Daglis, Precision filter radiometer measurements and aerosol microphysical retrievals during the THERMOPOLIS 2009 campaign, in ***Proceedings of the X EMTE National-International Conference of Meteorology-Climatology and Atmospheric Physics, May 25-28, Patra, Greece, 2010***
40. Pappalardo G., U. Wandinger, L. Mona, A. Hiebsch, I. Mattis, H. Linné A., Apituley, L. A. Arboledas, D. Balis, A. Comeron, V. Freudenthaler, E. Giannakaki, A. Guinta, J. L. G. Rasgado, F. Madonna, R.E. Mamouri, A. Pappayannis, M. Pujadas, F. Rocadenbosch, N. Spinelli, X. Wang and M. Wiegner, Representativeness of aerosol measurements: EARLINET-CALIPSO correlative study, in ***Proceedings of the 25th International Laser and Radar conference (ILRC25), July 05-09, St. Petersburg, Russia, 2010.***
41. Hiebsch A., U. Wandinger, I. Mattis, A. Ansmann, G. Pappalardo, L. Mona, F. Madonna, G. D'Amico, A. Guinta, H. Linne, I. Serikov, A. Apituley, K. Wilson, L.A. Arboledas, F.N. Guzman, D. Balis, E. Giannakaki, A. Chaikovsky, F. De Tomasi, M.R. Perrone, V. Freudenthaler, M. Wiegner, F. Schnell, I. Grigorov, D. Stoyanov, M. Iarlori, V. Rizi, R.E. Mamouri, A. Papayannis, F. Molero, M. Pujadas, A. Pietruczuk, A. Comeron, F. Rocadenbosch, S. Spinelli and X. Wang, Long-term aerosol and cloud database from correlative EARLINET-CALIPSO observations, in ***Proceedings of the 25th International Laser and Radar conference (ILRC25), July 05-09, St. Petersburg, Russia, 2010.***
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