CURRICULUM VITAE

EUROPEAN FORMAT

PERSONAL INFORMATION

Name, Surname	Monica Campanelli
Address House number, street name, postcode, city, country	ISAC-CNR,Via Fosso del Cavaliere 100, 00133, Rome, Itlay Via Trionfale 8229/D, 00135 Roma, Italia
Telephone	**+49 3334918950** **+39 0649934344**
E-mail	**m.campanelli@isac.cnr.it**
Website	
Nationality	**Italian**
Place and Date of birth	**Rome, 13 January 1969**

WORK EXPERIENCE

Dates (from – to)	1997-Now
Name and address of employer	ISAC (Institute of Atmospheric Sciences and Climate)-CNR (National Research Council) , Via Fosso del Cavaliere 100, 00133 , Rome, Italy
Type of business or sector	Atmospheric Scientist
Occupation or position held	Researcher
Main activities and responsibilities	Study of atmospheric aerosol properties and solar radiation by means of radiometers and radiative transfer models Responsibility: PI of the European Skynet Radiometer network (ESR: www.euroskyrad.net); Member of the International Skynet Committee

Dates (from – to)	1/09/2004- 30/11/ 2004
Name and address of employer	CARTEL, University of Sherbrooke, Canada
Type of business or sector	Atmospheric Scientist
Occupation or position held	Postdoctoral Fellowship
Main activities and responsibilities	Comparison of CIMEL data acquired during the Quebec forest fires of 2002 with the optical output of the MAQNet air quality model

Dates (from – to)	1/09/2000- 30/09/ 2000
Name and address of employer	CCRS, University of Tokyo
Type of business or sector	Atmospheric Scientist
Occupation or position held	Guest
Main activities and responsibilities	Study of the radiative transport code Skyrad

EDUCATION AND TRAINING

Dates (from – to)	01/2001-06/2004
Organization	Università de L'Aquila, L'Aquila, Italy
Course	Atmospheric physics; Title of the Thesis: "Characterization of urban and extra-urban aerosol by means of ground and space remote sensing techniques". Tutor: profs. G.Visconti; T. Nakajima
Title of qualification awarded	Physics PhD
Level in National classification	Dottorato di Ricerca

Dates (from – to)	09/1987-04/1997
Organization	Università di Roma La Sapienza,Rome, Italy
Course	Physics of the earth, geomagnetism, meteorology, geophysics prospecting, seismology. Thesis: "Determination of atmospheric aerosol characteristics by measurements of sky radiation" conducted at National Research Institute in Rome (CNR).Tutor: Prof. G. Fiocco
Title of qualification awarded	Physics Degree
Level in National classification	Laurea vecchio ordinamento

Dates (from – to)	09/1987-07/1991
Organization	National Dance Academy, Rome, Italy
Course	Ballet, Contemporary dance, Flamenco
Title of qualification awarded	8th course graduate
Level in National classification	Diploma di ottavo corso

Dates (from – to)	09/1982-07/1987
Organization	Pontificia Scuola Pio IX, Rome, Italy
Course	Mathematics, Physic, Italian Literature, Latin.
Title of qualification awarded	High school
Level in National classification	Diploma di maturità Scientifica

RESEARCH ACTIVITIES

Research sectors

Remote sensing of Atmospheric Aerosol, clouds and columnar water vapor content by ground based sun-sky radiometers and satellite observations.
Development of on site calibration techniques for sun-sky radiometers .
Solar radiation estimation for studies on the solar energy production.
Radiative transfer models.

Responsibilities:

2018: Organizer and chair of the Imternational summer school-conference: SOlar Radiation Based Established. Techniques for aTmospheric Observations (SORBETTO) , Rome 2-6 Luglio.
2017-now: - Editor of the Journal Atmospheric Measurement Techniques, for the Special Issue on Skynet.
- PI of the AERONET/CIMEL site Rome – La Sapienza.
- Local Operator of the Pandonia/Pandora site TorVergata
2-4/03/2016: Chair of the Local Organizer Committee, member of the Scientific Committee for the IV International Skynet Workshop, Rome.
26/11/2010 : Chair of the "2nd European Skynet Radiometers users", at ISAC-Bologna, Italy

Membership and Affiliations

2017-now: Affiliation to National Inter-University Consortium for Telecommunications
07/07/2013 -now : Member of the International Skynet Committee..
2010-now: a) PI of the European Skynet Radiometers network, ESR, (www.euroskyrad.net) an International network managed dedicated to perform studies on aerosols and their interaction with solar radiation. It is part of the International network SKYNET included as WMO-GAW contributing network; b) management of the ESR data center for storage and processing systems.

Projects

2020-2023: Partner in the H2020, EURAMET, EMPIR , project: Metrology for aerosol properties.

2019: Collaboration Agreement with Serco Italia S.p.A within the Boundary-layer Air Quality-analysis Using Network of INstruments (BAQUNIN) project.

2018: Fondi Ateneo 2018, QUATRAM , QUAlity and TRaceabiliy of Atmospheric aerosol Measurements

2017: - Sensor performance, product and algorithms maintenance and operations of the earth observation payload data system; Contract No.IDEAS+/SER/SUB/24.

- EMERGE (http://www.iup.uni-bremen.de/emerge/home/inter_IT.html) project, focal person for EMERGE in Italy.

- YOPP Endorsement for Long-term Aerosol Variations in Antarctica: a challenge for climate change –

2012: SAVEX-D project (Snphotometer Airborne Validation Experiment in dust) with MetOffice UK

2005-2009: National Project MIUR/FISR AEROCLOUDS

2004-2007: National Project ASI: QUITSAT

Nov 2005: Collaborator in IPY (International Polar Year) project.

2002-2004: PNRA: POLARAOD, Characterization of aerosol-induced climatic effects in polar regions.

1996-2001: PNRA: Effect of aerosol and clouds on atmospheric radiative balance

1997-2003: ASI, GASTRAN 1-2: study of trace gases, aerosols and clouds, using satellites ERS 2 and ENVISAT.

Cooperation with other National and International Institutions

2017: -Memorandum Of Understanding with NIES and CHIBA university, Japan,: Scientific PI for ISAC-CNR for the Skynet/Europe activity

-Memorandum of Understanding with University of Valencia: Scientific PI for ISAC – CNR for the ESR network

- Memorandum Of Understanding with Physikalisch-Meteorologisches Observatorium Davos,World Radiation Center, Switzerland,: Scientific PI for ISAC-CNR in the Plan of traceability program, for Skynet/Europe following the WMO/GAW requirements

- Agreement with the NERC-FSF, UK, for the maintenance of the PREDE-POM photometer: coordinator of the activity

2016 : SunPower , Richmond , California, USA.

2014: K.A. CARE, Saudi Arabia for the automatic transfer of skyradiometers raw data from the stations to the ESR data center. Set up of the daily automatic processing.

2013: Reparto di Sperimentazioni di Meteorologia Aeronautica di Vigna di Valle (ReSMA, Military Air Army) for the automatic transfer of skyradiometers raw data from the Military Air Army stations to the ESR data center. Set up of the daily automatic processing.

2012: MetOffice UK, within the SAVEX-D project

2004: University of Tokyo and University of Chiba. Signature of an Agreement of Cooperation with ISAC CNR for the participation to the Skynet project

Measurement Campaigns:

2018-2019: QUATRAM Campaign (www.eurosskyrad.net/quatram.html)

2017: PRE-TECT campaign (http://pre-tect.space.noa.gr) funded by ACTRIS infrastructure, Crete.
EMERGE campaign, Rome. (http://www.iup.uni-bremen.de/emerge/home/inter_IT.html)

2015: Davos FRC IV intercomparison Campaign

2011:URBS Rome. Intensive measurement campaign in the city center for the optical and chemical characterization of urban aerosol , in collaboration with University of Rome La Sapienza, Institute of Atmospheric Pollution -CNR,and ENEA.

2012:SAVEX Project: Sunphotomer Airborn Validation Experiment. Tenerife Island in collaboration with UK MetOffice and University de La Laguna, Spain. Role: Measurement analysis.

2001: Baia Terra Nova, Antarctica. Summer Campaign PRNA. Participation from Italy as organizer of the equipment and elaboration of dataset. Role: Measurement analysis.

2001: Vancouver, Canada. PACIFIC 2001. Air quality study. Program of the Environment Canada

2000: Monte Cimone, Modena. International Campaign MINATROC

1999: Lampedusa, Italy. PAUR II. Photochemical Activity and Ultraviolet Radiation Modulation Factors. International Program CEE

1996: Carloforte, Sardegna, Italy. International Program CEE “Aerosol climate parameters over the Mediterranean area from joint ground and satellite data”

TEACHING ACTIVITIES

2019-2020: Seminars at Laurea Magistrale in Atmospheric Science and Technology, Dipartimento di Scienze Fisiche e Chimiche, Università Sapienza, on solar photometry.

2018: Teaching activity at the SOlar Radiation Based Established. Techniques for aTmospheric Observations (SORBETTO

2014: first Interantional Trainig Course for the new ESR's users. ISAC-Rome.

2013-2015: Lecture at the University La Sapienza, Degree Course in "Arts in Nursing", within the Course of Life Molecular and Cellular Bases. Title of the Lecture " Medical physics".

05/2012:Training Course held at Arpa (Regional Agency for Environment) Valle d'Aosta on installation, use and admission of a new PREDE skyradiometer to ESR network

06-10/2012:Training courses held at Reparto di Sperimentazioni di Meteorologia Aeronautica di Vigna di Valle (ReSMA) (Military Air Army) on solar photometry, for atmospheric aerosol studies by using PREDE skyradiometers

2004: Seminar at the Department de geographie et teledetection of the Università di Sherbrooke, Canada. "From Rome to Antarctica: Studies of aerosols in turbid and very clean atmospheres".

2002-2003: Tutor of a student for the physics degree at the University of Rome La Sapienza on the Antarctic summer campaign 2001-2002

1999: University of Viterbo, Italy. Course for the professional formation in agrometeorology: electronic sheets and management of agrometeorological data

ADDITIONAL INFORMATION

Personal skills. Languages: Italian: mother tongue; English : excellent reading/ writing; good spoken.
Computer knowledge: Operating Systems: Windows, IBM Unix Aix, SUN Solaris 2.6, Linux
Programming Languages: Fortran 77/90, Matlab

Other interests 2018: Co-authorship in "Balletto discorso in merito, il metodi dell'allievo cosciente". Edicampus. A book on the right posture of the body of a ballet dancer.
1999 – 2006: Ballet dancer in the ballet company Mimma Testa. Performances in some Italian theatres.
1987-2000: Ballet Student at the National dance Academy; National Dance Academy 8th course graduate ; National Dance Academy specialization course
1992-1994:Organiser and choreographer for Valtur tourist villages

BOOKS AND ARTICLES

1. An overview and issues of the sky radiometer technology and SKYNET: Teruyuki Nakajima, Monica Campanelli, Huizheng Che, Victor Estellés, Hitoshi Irie, Sang-Woo Kim, Jhoon Kim, Dong Liu, Tomoaki Nishizawa, Govindan Pandithurai, Vijay Kumar Soni, Boossarasiri Thana, Nas-Urt Tugjsurn, Kazuma Aoki, Makiko Hashimoto, Akiko Higurashi, Stelios Kazadzis, Pradeep Khatri, Natalia Kouremeti, Rei Kudo, Franco Marenco, Masahiro Momoi, Shantikumar S. Ningombam, Claire L. Ryder, and Akihiro Uchiyama. Atmos. Meas. Tech. Discuss., https://doi.org/10.5194/amt-2020-72, 2020
2. Aerosol optical characteristics in the urban area of Rome, Italy, and their impact on the UV index,Campanelli, M., Siani, A. M., di Sarra, A., Iannarelli, A. M., Sanò, P., Diémoz, H., Casasanta, G., Cacciani, M., Tofful, L., and Dietrich, S.: Atmos. Meas. Tech. Discuss., https://doi.org/10.5194/amt-2019-300, in review, 2019.
3. Transport of Po Valley aerosol pollution to the northwestern Alps - Part 2: Long-term impact on air quality. Diemoz, Henri; Gobbi, Gian Paolo; Magri, Tiziana; Pession, Giordano; Pittavino, Sara; Tombolato, Ivan K. F.; Campanelli, Monica; Barnaba, Francesca. 10.5194/acp-19-10129-2019.
4. Transport of Po Valley aerosol pollution to the northwestern Alps. Part 1: phenomenology
   Henri Diémoz, Francesca Barnaba, Tiziana Magri, Giordano Pession, Davide Dionisi, Sara Pittavino, Ivan K. F. Tombolato, Monica Campanelli, Lara Sofia Della Ceca, Maxime Hervo, Luca Di Liberto, Luca Ferrero, and Gian Paolo Gobbi; Atmos. Chem. Phys. Discuss., https://doi.org/10.5194/acp-2018-960, 2018.
5. Comparisons of spectral aerosol single scattering albedo in Seoul, South Korea; Jungbin Mok, Nickolay A. Krotkov, Omar Torres, Hiren Jethva, Zhanqing Li, Jhoon Kim, Ja-Ho Koo, Sujung Go, Hitoshi Irie, Gordon Labow, Thomas F. Eck, Brent N. Holben, Jay Herman, Robert P. Loughman, Elena Spinei, Seoung Soo Lee, Pradeep Khatri, and Monica Campanelli. Atmospheric Measurement Techniques,11,2018,DOI 10.5194/amt-11-2295-2018
6. Results from the Fourth WMO Filter Radiometer Comparison for aerosol optical depth measurements
   Stelios Kazadzis, Natalia Kouremeti, Henri Diémoz, Julian Gröbner, Bruce W. Forgan, Monica Campanelli, Victor Estellés, Kathleen Lantz, Joseph Michalsky, Thomas Carlund, Emilio Cuevas, Carlos Toledano, Ralf Becker, Stephan Nyeki, Panagiotis G. Kosmopoulos, Viktar Tatsiankou, Laurent Vuilleumier, Frederick M. Denn, Nozomu Ohkawara, Osamu Ijima, Philippe Goloub, Panagiotis I. Raptis, Michael Milner, Klaus Behrens, Africa Barreto, Giovanni Martucci, Emiel Hall, James Wendell, Bryan E. Fabbri, and Christoph Wehrli; Atmos. Chem. Phys., 18, 3185-3201, https://doi.org/10.5194/acp-18-3185-2018, 2018
7. Precipitable water vapour content from ESR/SKYNET sun–sky radiometers: validation against GNSS/GPS and AERONET over three different sites in Europe; Monica Campanelli, Alessandra Mascitelli, Paolo Sanò, Henri Diémoz, Victor Estellés, Stefano Federico, Anna Maria Iannarelli, Francesca Fratarcangeli, Augusto Mazzoni, Eugenio Realini, Mattia Crespi, Olivier Bock, Jose A. Martínez-Lozano, and Stefano Dietrich; Atmos. Meas. Tech., 11, 81-94, https://doi.org/10.5194/amt-11-81-2018, 2018
8. Federico, S., Torcasio, R. C., Sanò, P., Casella, D., Campanelli, M., Meirink, J. F., Wang, P., Vergari, S., Diémoz, H., and Dietrich, S.: Comparison of hourly surface downwelling solar radiation estimated from MSG–SEVIRI and forecast by the RAMS model with pyranometers over Italy, Atmos. Meas. Tech., 10, 2337-2352, https://doi.org/10.5194/amt-10-2337-2017, 2017.
9. Takamura T., Nakajima. T, Estelles V. Irie H., Kuze H., Campanelli M. Sinyuk A., Lee S.M:, Sohn B.J, Pandhiturai G., Kim S.W., Yoon S.C., Martinez-Lozano J., Hashimoto M., Devara P.C.S., Manago N.: Factors for inconsistence aerosol single scattering albedo between SKYNET and AERONET. JGR-Atmosphere, 2016, 121, doi:10.1002/2015JD023976.
10. ampanelli, M., Nakajima, T., Khatri, P., Takamura, T., Uchiyama, A., Estelles, V., Liberti, G. L., and Malvestuto, V.: Retrieval of characteristic parameters for water vapour transmittance in the development of ground based sun-sky radiometric measurements of columnar water vapour, *Atmos. Meas. Tech*., 7,

1075-1087, 2014. www.atmos-meas-tech.net/7/1075/2014/.doi:10.5194/amt-7-1075.

11. Ningombam, Shantikumar S., Bagare, S.P., Singh, Rajendra B.,Campanelli, M., Khatri, P., Dorjey, Namgyal, Calibration of a Sky radiometer (Prede) using observations obtained from Hanle and Merak high-altitude stations in Ladakh, *Atmospheric Research* (2014), doi: 10.1016/j.atmosres.2014.02.009..
12. Henrì Diemoz, M. Campanelli, V. Estelles Leal, One year of measurements with a POM02 radiometer at an Alpine EuroSkyRad station, Journ. Of the Metorological Society of Japan, Special issue on Skynet, Volume 92A, 2014
13. Hashimoto, M., Nakajima, T., Dubovik, O., Campanelli, M., Che, H., Khatri, P., Takamura, T., Pandithurai, G.; Development of a new data-processing method for SKYNET sky radiometer observations *Atmospheric Measurement Techniques*, 5 (11), pp. 2723-2737, 2012.
14. V.Estellés, T. J. Smyth, M. Campanelli ; Columnar aerosol properties in a Northeastern Atlantic site (Plymouth, United Kingdom) by means of ground based skyradiometer data during years 2000–2008". Atmospheric Environment Volume 61, Pages 180–188, December 2012
15. V. Estelles, M. Campanelli, T. J. Smyth, M. P. Utrillas, and J. A. Martınez-Lozano, "Evaluation of the new ESR network software for the retrieval of direct sun products from CIMEL CE318 and PREDE POM01 sun-sky radiometers", *ACP* 12, 11619–11630. doi:10.5194/acp-12-11619-2012.
16. V. Estelles, M. Campanelli, M. P. Utrillas, F. Exposito, and J. A. Mart´ınez-Lozano, "Comparison of AERONET and SKYRAD4.2 inversion products retrieved from a Cimel CE318 sunphotometer", *Atmos. Meas. Tech*., 5, 1–11, 2012
17. M. Campanelli, V.Estelles, T. Smyth, C. Tomasi, M.P. Martìnez-Lozano, B.,Claxton, P. Muller, G. Pappalardo, A. Pietruczuk, J. Shanklin, S. Colwell, C. Wrench, A.Lupi, M. Mazzola , C. Lanconelli, V.Vitale, F.Congeduti, D.Dionisi, M. Cacciani "Monitoring of Eyjafjallajoekull volcanic aerosol by the new European SkyRad users(ESR) sun-sky radiometer network'', *Atmospheric Environment* 48 (2012) 33-45
18. M. Campanelli, A. Lupi, T. Nakajima, V. Malvestuto, C. Tomasi, V. Estelles "Columnar content of atmospheric water vapour from ground-based sun/sky radiometer measurements through a new in-situ procedure". *JGR* vol.115, D19304, doi:10.1029/2009JD013211, 2010
19. C. Bassani, V.Estellés, M.Campanelli, R. M.Cavalli, and J. A. Martínez-Lozano. "Performance of a FieldSpec spectroradiometer for aerosol optical depth retrieval: method and preliminary results"., Vol. 48 Issue 11, pp.1969-1978 , Febbraio 2009, *Applied Optics.*
20. M. Campanelli, V. Estellés, C. Tomasi, T. Nakajima, V. Malvestuto and J. A. Martínez-Lozano. "Application of the SKYRAD improved Langley plot method for the in situ calibration of CIMEL sun-skphotometers" Vol. 46, No. 14 May, 2007, Applied Optics.
21. "Clima e cambiamenti climatici: le attività di ricerca del CNR". By Bruno Carli, Giuseppe Cavarretta, Michele Colacino, Sandro Fuzzi. Editor: Consiglio Nazionale delle Ricerche – Roma 2007, Consiglio Nazionale delle Ricerche ISBN 978-88-8080-075-0. Titolo del Capitolo: "Osservazioni da satellite, reti di misura e basi-dati sui cambiamenti climatici". Titolo della pubblicazione: "Caratterizzazione dell'aerosol urbano ed extraurbano mediante misure di telerilevamento passivo da terra e da satellite". Autore: M.Campanelli. Pag 447-450.
22. C. Tomasi, V. Vitale, A. Lupi , C. Di Carmine, M. Campanelli , A. Herber , R.Treffeisen , R. S. Stone, E. Andrews, S. Sharma , V. Radionov, W. von Hoyningen-Huene , K. Stebel , G. H. Hansen , C. L. Myhre, C. Wehrli, V.Aaltonen , H.Lihavainen, A. Virkkula, R. Hillamo, J. Ström, C. Toledano, V. E. Cachorro ,P. Ortiz, A. M. de Frutos, S. Blindheim, M. Frioud, M. Gausa, T. Zielinski,T. Petelski and M. Shiobara "Aerosols in polar regions. A historical overview on the basis of optical depth and in situ observations" JGR., doi:10.1029/2007JD008432, 2007.
23. V. Estellés, J. Martínez-Lozano, M. P. Utrillas and M. Campanelli "Columnar aerosol properties in Valencia (Spain) by ground-based Sun photometry", JGR, VOL. 112, D11201, doi:10.1029/2006JD008167, 2006.
24. N. T. O'Neill , M. Campanelli , A. Lupu , S. Thulasiraman , J. S. Reid , M. Aub´e , L. Neary , J. W. Kaminski, J. C. McConnell; "Evaluation of the GEM–AQ air quality model during the Qu´ebec smoke event of 2002: analysis of extensive and intensive optical disparities". Atmos. Env. Volume 40, Issue 20, Pages 3737-3749, June 2006.
25. C. Di Carmine, M. Campanelli, T. Nakajima, C. Tomasi, V.Vitale, "Retrievals of Antarctic aerosol characteristics using a Sun-sky radiometer during the 2001-2002 austral summer campaign" JGR, Vol. 110, No. D13, D13202,12 July 2005.
26. M.Campanelli , G. Gobbi , C. Tomasi, T. Nakajima , "Intercomparison between aerosol characteristics retrieved simultaneously with a Cimel and Prede sun-sky radiometers in Rome, Torvergata Aeronet site." Vol. 37, núm. 3 , 2004, ÓPTICA PURA Y APLICADA.
27. M. Campanelli, T. Nakajima, B.Olivieri, "Determination of the solar calibration constant for a sun sky radiometer. Proposal of an in situ procedure". Applied Optics, Vol 43 n. 3, 20 January 2004.
28. M. Campanelli, L. Delle monache, V. Malvestuto, B. Olivieri, "On the correlation between the depth of the boundary layer and the columnar aerosol size distribution". Atmospheric Environment. October 2003,Volume 37/32, pp 4483- 4492.
29. .M.Campanelli , C. Di Carmine, B. Olivieri. "Experimental errors in sun-sky radiometer measurements".

SPIE, Optical Science and Technology, Seattle Annual Meeting 2002, July 2002, Proc. SPIE, Vol. 4815, 82 (2002); DOI:10.1117/12.482306

30. M. Campanelli, W. Junkermann, B. Olivieri, G. Tonna. "Physical features of the atmospheric aerosol determined with an aureolemeter and a FSSP probe in the Mediterranean Lampedusa island. Atmospheric Environment". Atmospheric Environment, July 2001 Volume 35/21, pp 3607-3618.
31. P. Boi, G. Tonna, G. Dalu, T. Nakajima, B. Olivieri, A. Pompei, M. Campanelli. "Procedures of calibration and data elaboration in sky radiance measurements". Applied Optics ,20 Feb 1999. Vol 38 n. 6 pp. 896 – 907

Conference Procedings

1. M. Campanelli , A.M. Iannarelli , S. Kazadzis, N. Kouremeti, S. Vergari, V.Estelles, H. Diemoz, A. di Sarra, A. Cede: "The QUATRAM Campaign: QUAlity and TRaceabiliy of Atmospheric aerosol Measurements". Instruments and Observing Methods; Report No. 132; The 2018 WMO/CIMO Technical Conference on Meteorological and Environmental Instruments and Methods of Observation (CIMO TECO-2018) "Towards fit-for-purpose environmental measurements" 8 - 11 October 2018, Amsterdam, the Netherlands.
2. M. Campanelli, V. Estellés, H. Diemoz, N. Kouremeti, S. Kazadzis, R. Becker, S. Vergari, S. Dietrich: The SKYNET radiometer Network: Aerosol Optical Depth retrieval performance at the FRC-IV campaign and long-term comparison against GAW-PFR and AERONET standard instruments. WMO-CIMO-TECO Conference, Madrid Sept 2016. Instruments and Observing Methods (IOM) Report No. 125; https://www.wmo.int/pages/prog/www/IMOP/publications/IOM-125_TECO_2016/TECO_2016-Homepage.html
3. Monica Campanelli, Victor Estellés, Steve Colwell, Jonathan Shanklin, and Shantikumar S. Ningombam. Analysis of aerosol optical properties from continuous sun-sky radiometer measurements at Halley and Rothera, Antarctica over seven years. Geophysical Research Abstracts, Vol. 17, EGU2015-2768, 2015, EGU General Assembly 2015.
4. Christian Lanconelli, Tony Christian Landi, Boyan Petkov, Angelo Lupi, Mauro Mazzola, Vito Vitale, Paolo Bonasoni, Maurizio Busetto, Paolo Cristofanelli, Piero Malguzzi, Andrea Buzzi, Monica Campanelli, Stefano Dietrich, Stefano Federico, Claudia Roberta Calidonna, and Anna Maria Sempreviva. A preliminary study on short-term predictability of solar surfaceirradiance over Italian Peninsula for photovoltaic energy production. EMS Annual Meeting Abstracts Vol. 11, EMS2014-610, 2014, 14th EMS / 10th ECAC.
5. M.Campanelli, C.Bassani, M.Cacciani, A.M. Siani, C.Perrino, S. Canepari, A. Di Sarra, R. Salzano, G.P.Casasanta, C. Tirelli, V Estelles, Direct effect of aerosol on incident solar radiation at the surface as a function of aerosol mixtures measured in the center of Rome. EGU General Assembly 2012, (ESR) Geophysical Research Abstracts, Vol. 14, EGU2012
6. Estellés, V., Campanelli, M., Smyth, T.J., Utrillas, M. P., Martínez-Lozano, J.A., 2010. AERONET and EuroSkyrad (ESR) aerosol optical depth intercomparison on Cimel CE318 and Prede POM01 radiometers. SPIE Remote Sensing conference 2010; Remote Sensing of Clouds and the atmosphere vol. 78270Y-1 (8pp)
7. Estelles , V., Smyth, T., M.Campanelli, , and Utrillas, M.P., 2009. Development of an open source package for the processing of sun-sky photometric data in the European Skyrad Users network. EGU General Assembly 2009, (ESR) Geophysical Research Abstracts, Vol. 11, EGU2009-10952
8. M. Campanelli , A. Lupi , T. Nakajima , V. Malvestuto , C. Tomasi , B. Petkov , C. Lanconelli , M. Mazzola, V. Estelles , V. Vitale "Columnar water vapour content from ground-based sun/sky radiometer measurements through a new in-situ procedure". Earth Obseravtion and Water Cycle Science ESA-ESrin, Frascati, Novembre 2009. ESA Special Pub. SP-674, Proceeding, H. Lacoste. ISBN : 978-92-9221-238-4
9. M. Campanelli,A. Lupi,V. Estelles, C. Lanconelli, M. Mazzola, M. Busetto, C. Tomasi, V. Vitale "Misure di irradianza solare diretta e diffusa a San Pietro Capofiume e Torvergata per lo studio dell'effetto radiativo diretto degli aerosol". Oral presentation. Environment including Climate Change, Palermo 2009. http://www.congressofai.org/download_sessioni.html.
10. V. Vitale, C. Tomasi, A. Lupi, C. Lanconelli, M. Mazzola, M. Busetto, M. Campanelli, B. Petkov,: "Effetti climatici di aerosol e nubi nella regione del mediterraneo e nelle aree polari" Environment Including Global Change, Congresso FAI, Palermo 5-9 October 2009. http://www.congressofai.org/download_poster.html
11. Estellés, V. , M.Campanelli, T.J.Smyth, M.P. Utrillas (2009), "Development of an open source package for the processing of sky-sunphotometric data in the European Skyrad users network (ESR)", EGU 2009,.Geophysical Research Abstracts, Vol. 11, 2009
12. 9.M. Campanelli "In situ calibration of CIMEL sun-sky photometers through applications of the SKYRAD improved Langley plot method (SKYIL)". IUGG XXIV General Assembly Perugia, July 2007. Conference Proceedings. ISBN : 978-88-95852-25-4. Pag 4945.

13. 10.T. Nakajima, M. Yamano, T. Takamura, K. Aoki and M.Campanelli, " Current status of the SKYNET Network". WMO-AOD workshop, Davos Switzerland, 8-10 March 2004.
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