

# Curriculum Vitae Marco Paglione

**Position:** Post-doc **Address:** via P. Gobetti 101,  
40129 Bologna (Italy)

## History of Employment:

Post-doc grant holder 2013-ongoing CNR-ISAC, Bologna (Italy)

## Degrees

PhD in Environmental Sciences, 2013 University of Bologna (Italy)  
Master degree (Environmental Sciences), 2008 University of Bologna (Italy)

## Selected Journal Reviewing:

*Atmos. Chem. Phys., Atmos. Environ., Atmos Research*

## Selected Invited Presentations

- Paglione M., S. Decesari, L. Giulianelli, E. Tagliavini, R. Hillamo, S. Carbone, S. Saarikoski, E. Swietlicki, S. Fuzzi and M.C. Facchini, Primary and secondary biomass burning aerosols determined by factor analysis of H-NMR spectra. Goldschmidt Conference, 25-30 August, 2013 Florence, Italy.

## Publications:

Total Publications ~ 16

## Selected 5 Publications:

1. Gilardoni, S., Massoli, P., Paglione, M., Giulianelli, L., Carbone, C., Rinaldi, M., Decesari, S., Sandrini, S., Costabile, F., Gobbi, G.P., Pietrogrande, M.C., Visentin, M., Scotto, F., Fuzzi, S., Facchini, M.C.: Direct observation of aqueous secondary organic aerosol from biomass burning emissions, *Proceedings of the National Academy of Sciences U.S.A.* (PNAS), 2016.
2. Sullivan, A. P., Hodas, N., Turpin, B. J., Skog, K., Keutsch, F. N., Gilardoni, S., **Paglione, M.**, Rinaldi, M., Decesari, S., Facchini, M. C., Poulain, L., Herrmann, H., Wiedensohler, A., Nemitz, E., Twigg, M. M., and Collett Jr., J. L.: Evidence for ambient dark aqueous SOA formation in the Po Valley, Italy, *Atmos. Chem. Phys.*, 16, 8095-8108, doi:10.5194/acp-16-8095-2016, 2016.
3. Paglione, M., Saarikoski, S., Carbone, S., Hillamo, R., Facchini, M. C., Finessi, E., Giulianelli, L., Carbone, C., Fuzzi, S., Moretti, F., Tagliavini, E., Swietlicki, E., Eriksson Stenström, K., Prévôt, A. S. H., Massoli, P., Canaragatna, M., Worsnop, D., and Decesari, S.: **Primary and secondary biomass burning aerosols determined by proton nuclear magnetic resonance (<sup>1</sup>H-NMR) spectroscopy during the 2008 EUCAARI campaign in the Po Valley (Italy)**, *Atmos. Chem. Phys.*, 14, 5089-5110, doi:10.5194/acp-14-5089-2014, 2014.
4. Paglione, M., Kiendler-Scharr, A., Mensah, A. A., Finessi, E., Giulianelli, L., Sandrini, S., Facchini, M. C., Fuzzi, S., Schlag, P., Piazzalunga, A., Tagliavini, E., Henzing, J. S., and Decesari, S.: **Identification of humic-like substances (HULIS) in oxygenated organic aerosols using NMR and AMS factor analyses and liquid chromatographic techniques**, *Atmos. Chem. Phys.*, 14, 25-45, doi:10.5194/acp-14-25-2014, 2014.
5. Decesari, S., E. Finessi, M. Rinaldi, M. Paglione, S. Fuzzi, E. G. Stephanou, T. Tziaras, A. Spyros, D. Ceburnis, C. O'Dowd, M. Dall'Osto, R. M. Harrison, J. Allan, H. Coe, M. C. Facchini. **Primary and secondary marine organic aerosols over the north atlantic ocean during the map experiment**, *J. Geophys. Res. A*, doi:10.1029/2011JD016204, 2011.