



## PERSONAL INFORMATION

Surname, First Name  
Address  
Telephone  
E-Mail  
Mobile  
Birthplace  
Date of birth  
Sex  
Country of Origin  
Nationality

**Landi, Tony Christian**  
Via Milano n° 33 – 83035, Grottaminarda (AV), Italy  
**+39-06 499 34 340**  
[t.landi@isac.cnr.it](mailto:t.landi@isac.cnr.it)  
**+39-320 06 363 60**  
Avellino  
03-04-80  
M  
Italy  
Italian



## WORK EXPERIENCE

Date (from - to)	April 2007 – Present
Name and address of employer	Dr. Gian Paolo Gobbi, Senior Researcher Scientist, ISAC – CNR Rome, Via Fosso del Cavaliere, 100 – 00133, Rome (Italy), <a href="mailto:g.gobbi@isac.cnr.it">g.gobbi@isac.cnr.it</a>
Type of business or sector	Aerosol Remote Sensing
Occupation or position held	Fellowship
Date (from - to)	October 2008 – April 2009
Name and address of employer	Prof. Giulio Giunta, Full Professor, University of Naples “Parthenope” E-Mail: <a href="mailto:giulio.giunta@uniparthenope.it">giulio.giunta@uniparthenope.it</a> Dr. Angelo Riccio, Researcher, “Parthenope” University of Naples E-Mail: <a href="mailto:angelo.riccio@uniparthenope.it">angelo.riccio@uniparthenope.it</a>
Type of business or sector	Regional Air Quality Modelling
Occupation or position held	Fellowship
Date (from - to)	October 2006 – March 2007
Name and address of employer	Dr. Angelo Riccio, “Parthenope” University of Naples, Applied Science Department, Via De Gasperi, 5 – 80133, Naples (Italy)
Type of business or sector	Remote Sensing of Biomass Burning
Occupation or position held	Fellowship
Date (from – to)	May 2006 – October 2006
Name and address of employer	Dott. Paolo Colandrea, Kell s.r.l., via E. Q. Visconti 20 – 00193, Rome (Italy)
Type of business or sector	Remote Sensing
Occupation or position held	Vocational training
Main activities and responsibilities	Hyperspectral data processing

## EDUCATION AND TRAINING

Date (from – to)	12-14 January 2010
Name and type of organisation providing education or training	“SCIENTIFIC AND TECHNICAL COMPUTING IN FORTRAN95”, C.A.S.P.U.R., Rome, Italy

**Curriculum Vitae et Studiorum**  
Tony Christian Landi

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Principal subjects/occupational skills covered	Programming in FORTRAN95
Title of certification awarded	Certificate of attendance
Date (from – to)	2-7 August 2009, Helsinki – Finland
Name and type of organisation providing education or training	Earth System Modelling School 2009, held at the Finnish Meteorological Institute
Principal subjects/occupational skills covered	The Finnish Meteorological Institute certifies that Tony Christian <b>Landi</b> successfully completed the summer school, and gave a presentation on the assignment “Ocean Photosynthesis”
Date (from – to)	22-26 September 2008, L’Aquila – Italy
Name and type of organisation providing education or training	ISSAOS 2008, International Summer School on Atmospheric and Oceanic Sciences
Principal subjects/occupational skills covered	“Aerosols and Climate Change”
Date (from – to)	October 2007 – Present
Name and type of organisation providing education or training	Center of Excellence for the forecast of Severe Weather (CETEMPS) University of L’Aquila, via Vetoio, 67010 Coppito, L’Aquila, ITALY
Principal subjects/occupational skills covered	PhD Student, The thesis title is : “Modelling of Aerosol Optical Properties over Po Valley (Italy)”. Tutors : Prof. Guido Visconti and Dr. Gabriele Curci.
Date (from – to)	19 - 21 September 2006, Frascati – Rome (Italy)
Name and type of organisation providing education or training	ESA \ ESRIN Workshop: “4th ESA CHRIS-PROBA”
Principal subjects/occupational skills covered	CHRIS image processing and validation. Satellite hyperspectral data processing on land and atmospheric applications.
Title of certification awarded	Certificate of attendance
Date (from – to)	8 – 12 May 2006, Frascati – Rome (Italy)
Name and type of organisation providing education or training	ESA \ ESRIN Atmospheric Science Conference
Principal subjects/occupational skills covered	State of art and future developments on air quality monitoring. The current use of satellite instruments for remote sensing of trace gases in the stratosphere and troposphere, clouds, aerosols and UV information, pollution monitoring.
Title of certification awarded	Certificate of attendance
Date (from – to)	1999 – 2006
Name and type of organisation providing education or training	“Parthenope” University of Naples, Italy
Principal subjects/occupational skills covered	Remote Sensing, Atmospheric Physics, Atmospheric Science Modelling, Chemistry, Ecology, Statistics, Applied Mathematics.
Title of certification awarded	Graduate with Honours in Environmental Sciences. The degree thesis was titled “: A preliminary study on remote optical observation of biomass burning using potassium emission signature”; that work aimed at : <ul style="list-style-type: none"> <li>- evaluating the ability of the simulator MODTRAN v. 4.0 IMPROVED in reproducing typical scenario which wildland fire;</li> <li>- Hyperspectral data processing.</li> </ul> <b><i>This thesis was recipient of the 2006 Best Remote Sensing Thesis Award by the IEEE GRS South Italy Chapter.</i></b>

**PERSONAL SKILLS  
AND COMPETENCES**

Acquired in the course of life and career  
but not necessarily covered by formal  
certificates and diplomas

Native Language Italian

OTHER LANGUAGES English

- Reading skills Good
- Writing skills Sufficient
- Verbal skills Sufficient

**TECHNICAL SKILLS  
AND COMPETENCES**  
With computers, specific kinds of  
Equipment, machinery, etc.

Competent with Unix workstation (Bash,Cshell,Python), Microsoft Windows and Office programs  
Competent with scientific software Fortran, MODTRAN, Matlab, Scilab, RSI ENVI, RSI IDL, IDRISI 32, GrADS.

**OTHER SKILLS  
AND COMPETENCES**  
Competences not mentioned above.

Good communication skills, attention to detail and a strong willingness to learn.

DRIVING LICENCE(S) Car and Motorcycle

ADDITIONAL INFORMATION

**REFERENCE PERSONS:**

Dr. Gian Paolo Gobbi, Senior Researcher Scientist, ISAC – CNR Rome,  
E-Mail: g.gobbi@isac.cnr.it

Dr. Angelo Riccio, Researcher, "Parthenope" University of Naples  
E-Mail: angelo.riccio@unipathenope.it

Prof. Guido Visconti, Full Professor, University of L'Aquila  
E-Mail guido.visconti@aquila.infn.it

Dr. Gabriele Curci, Researcher, University of L'Aquila  
E-Mail Gabriele.curci@aquila.infn.it

PUBLICATIONS

A. Ciaramella, A. Riccio, F. Angelini, G. P. Gobbi and **T. C. Landi**

"Statistical and Fuzzy Approaches for Atmospheric Boundary Layer Classification", AI\*IA 2009, LNAI 5883, pp. 375–384, Springer-Verlag Berlin Heidelberg 2009

F. Angelini, F. Barnaba, **T. C. Landi**, L. Caporaso and G. P. Gobbi

"Study of atmospheric aerosols and mixing layer by lidar", Radiation Protection Dosimetry, Oxford University press, 2009, 137(3-4):275-9

G.P. Gobbi, F. Angelini, F. Barnaba, **T.C. Landi**

"Climatologia dell'aerosol atmosferico: telerilevamento di variabili con impatto climatico e ambientale", CLIMA E CAMBIAMENTI CLIMATICI, 463-466, 2007.

**T.C. Landi**

"Il telerilevamento per l'osservazione degli incendi boschivi", Biologi Italiani, Ecodinamica, 55-60, 4/2007.

CONFERENCES ORAL  
PRESENTATION

F. Angelini, S. Argentini, F. Barnaba, L. Caporaso, G. Gobbi, **T. C. Landi**, G. Mastrantonio, and I. Pietroni

"Comparison of the mixing layer height by sodar and ceilometer", EMS Annual Meeting 2009 & European Conference on Applications of Meteorology (ECAM), 28 September - 02 October 2009 Toulouse, France.

G. P. Gobbi, F. Angelini, F. Barnaba, **T. C. Landi**, L. Caporaso

"Studio dell'aerosol atmosferico e dello strato mescolato mediante analisi Lidar", Convegno Nazionale "Controllo Ambientale Agenti Fisici", Vercelli, Marzo 2009

CONFERENCES POSTER  
PRESENTATION

**T. C. Landi**, F. Angelini, F. Barnaba, E. Bolzacchini, L. Caporaso, G. Curci, L. Ferrero, G. P. Gobbi, G. Redaelli, A. Riccio, P. Stocchi.  
"Confronto tra misure e modelli nella determinazione dello strato mescolato di Milano"  
Workshop QUITSAT, October 28-29, 2008, Roma, Italy.

Gobbi, G. P., F. Angelini, L. Ferrero, E. Bolzacchini, **T. C. Landi**, L. Caporaso, F. Barnaba, B. Ferrini e M.G. Perrone  
"Osservazioni della formazione ed evoluzione dello strato mescolato e dello strato residuo a Milano nel corso del 2007; PM2008, 6-8 Ottobre 2008, Bari, Italia.

**T. C. Landi**, P. Colandrea, G. Giunta, M. Migliaccio and A. Riccio.  
"A preliminary study on remote optical observation of biomass burning using potassium emission signature"  
IEEE GOLD Remote Sensing CONFERENCE 2006, Bari 4-5 Dicembre 2006.

F. Angelini, F. Barnaba, E. Bolzacchini, L. Caporaso, G. Curci, L. Ferrero, R. Ferretti, G. P. Gobbi, **T. C. Landi**, and P. Stocchi.  
"Comparison of the Mixing Layer Height determined by ceilometer and Optical Particle Counter and simulated by MM5 model", EMS Annual Meeting 2009 & European Conference on Applications of Meteorology (ECAM), 28 September - 02 October 2009 Toulouse, France.

**T. C. Landi**, P. Stocchi, F. Angelini, F. Barnaba, E. Bolzacchini, L. Caporaso, G. Curci, L. Ferrero, R. Ferretti, G. P. Gobbi.  
"A comparison of mixed-layer evolution as inferred from lidar and balloon observations and MM5 simulations in Milan (Italy)", 33rd International Symposium on Remote Sensing of Environment (ISRSE) May 4-8, 2009, Stresa, Italy.

P. Stocchi, **T. C. Landi**, G. Curci, R. Ferretti, F. Barnaba, G. P. Gobbi, L. Ferrero, F. Angelini, L. Caporaso.  
"Influence of the MM5 PBL scheme on high-resolution CHIMERE simulation", European Geosciences Union, General Assembly 2009, 19-24 April, 2009, Vienna, Austria.

**T.C. Landi**, A. Riccio, G. Giunta, G. Curci, P. Stocchi, G.P. Gobbi, F. Barnaba, F. Angelini, L. Caporaso  
"Application of MM5-CHIMERE modeling chain to simulate particulate dynamics in the Campania region", PM2008, 3rd National Conference on Atmospheric Aerosols, October 6-8, 2008, Bari, Italy.

PATENTS

He is author of Italian Patent n. NA2007A000058 entitled "A method for the detection of electromagnetic spectral signature during wild land fires, based on emission from trace elements in biomass tissues", 30th April 2007.

**Roma, li 21/01/10**

**Firma**  
*Tony Christian Landi*

*Ai sensi della legge 675/96 art.11 e 20, il sottoscritto autorizza il trattamento dei dati personali.*