1. **Family name:** **Fortini**
2. **First names:** **Marco**
3. **Date of Birth:** **27.05.1962**
4. **Nationality:** **Italian**
5. **Civil status:** **Married**
6. **Education :**

Institution	Degree(s) or Diploma(s) obtained
University of Rome "La Sapienza",	Degree in Statistics (4 years)

7. **Languages skills: (1 – excellent; 5 – basic)**

	Reading	Speaking	Writing
English	1	2	2

8. **Membership of professional bodies: --**
9. **Others skills:** Office automation software (Office, Google Documents), Statistical Packages (SAS, R)
10. **Present position:** Senior statistician at Directorate for Methodology and Statistical Process Design
11. **Years within the firm/institution**: 24
12. **Key Qualifications:**

   ▪ **Key qualification 1.**
   - Several years of experience in quality evaluation of survey process and data outcomes.
   - Several years of experience on Record linkage.
   - Several years of experience in capture recapture model for census coverage evaluation
   - Several years of experience on Combined use of administrative data and sampling surveys in Census framework
   - Other interests: latent class analysis and statistical uses of administrative data
   - Member of International Task Forces and Working Groups on Eurostat and UNECE.

13. **Specific experience in conducting training:**

Training programme or project	Title of the course	Location and dates
ISTAT	Record Linkage – Internal Course for Istat Personnel	19-23.09.2016 Rome - IT
EMOS	Quality and other themes of Official Statistics	29.02-27.05.2016 Rome - IT
ESTP	Record Linkage and Statistical Matching	10-13.11.2014 Rome - IT
ESTP	Record Linkage	19-21.03.2013 Rome - IT
ISTAT	Record Linkage – Internal Course for Istat Personnel	3-6.12.2012 Rome - IT
Essnet on data integration (DI)	Course on data integration	28-30.11.2011 Rome - IT
European Conference on Quality in Official Statistics (Q2010),	Speaker: "Sampling strategy for the dual-system correction of the under-coverage in the register supported 2011 Italian Population Census" coauthors: Loredana Di Consiglio and Stefano Falorsi	3-6.5.2010 Helsinki, FI
Italian Statistical Society	Methods and techniques for integration of data from different sources (in Italian)	15-18.11.2010, Rome - IT
Eurostat	Statistical Methodologies for the Integration of Data Sources	27-29.05.2009 Luxembourg, LU
INED	'Le recensement italien de la population en 2011'; Seminar at 'Les lundì del l'INED', in English	7.4.2008 Paris, FR
Essnet on Integration of surveys and administrative data (ISAD)	Course on Methods for Integration of Surveys and Administrative Data	14-16.11.2007 Budapest, Hungary, HU

14. Professional experience

Date from – Date to	Location	Institution/Company	Position	Description
13.04.2016 to present	Rome	ISTAT	Senior statistician at Directorate for Methodology and Statistical Process Design	▪ Coverage evaluation and control in Population Census based on administrative sources ▪ Probabilistic record linkage in statistical information systems
16.11.2006 to 12.4.2016	Rome	ISTAT	Chief of sub-unit on statistical methods at General Censuses and Administrative archives Dpt.	▪ Planning of the sampling strategy for 2011 Italian Population Census ▪ Deduplication Procedures for 2011 Italian Population Census and Production of Quality Indicators ▪ Sampling Estimation activities for 2011 Italian Population Census ▪ Planning of Next Italian Rolling Population Census
1.1.2004 to 15.11. 2006	Rome	ISTAT	Chief of sub-unit on accuracy evaluation and microdata integration at Istat Division for Information Technology and Methodology	▪ Study and Development of Record Linkage Methods and Procedures ▪ Participation to "ESSnet on statistical methodology: area integration of surveys and administrative data"; ▪ Methods and techniques for evaluation and improvement of surveys quality and statistical products;
1.1.2001 to 31.12.2003	Rome	ISTAT	Chief of sub-unit on statistical methodologies for social statistics at the Istat Department for Social Statistics	▪ Planning of sample strategies for Istat surveys on households and assistance to survey units in parameters and sampling error estimation; ▪ Implementation of Post Enumeration Survey of the 2001 Population Census and production of estimates;;
9.3.1992 to 31.12.2000	Rome	ISTAT	Researcher in subunit on Data Quality at Statistical Methodologies Unit	▪ Planning of 2001 Population Census Post Enumeration Strategy; ▪ Development of Statistical Information System for Survey Quality Documentation and Evaluation; ▪ Structural Equation Methods for Evaluation of Non Sampling Errors in Surveys; ▪ Design of Accepting-Rejection Test for Istat Data Capture Service;

15. A selection of recent Publications

- M. Fortini, M. Di Zio, P. Falorsi; Riflessioni su limiti ed opportunità di un sistema di produzione statistica basato sui registri, MiLES2016 – Impresa, lavoro e società, 2016, Milano, 5 ottobre, 2016

- M. Fortini, L. Mancini, L. Marcone, E. Mussino, E. Paluzzi; Who settles down in Italy? Transition to residency of non-EU migrants, Atti delle Giornate di Studio sulla Popolazione (GSP) 2013, Bressanone, 6-8 febbraio 2103

- L. Mancini, M. Fortini, L. Marcone, F. Borrelli, A. Ronconi; Assessing the effectiveness of administrative registers in managing under-coverage errors in a population census: evidence from the 2009 Italian census pilot survey, Convegno intermedio SIS 2011 "La Statistica nei 150 anni dall'Unità d'Italia", Bologna, 8-10 giugno 2011

- F. Crescenzi, M. Fortini, S. Mastroluca; Towards a new paradigm of continuous use of registers and geocoded databases; Oral presentation to the 60th plenary session of the Conference of European Statisticians, Paris, 6-8- June 2012

- M. Fortini, G.Gallo; A mixture model for estimating undercoverage rate in Italian municipal population census, European conference on quality in official statistics (Q2010), Helsinki, Finland, 3-6 May 2010

- L. Di Consiglio, S. Falorsi, M. Fortini, G.Gallo; Sampling strategy for the dual-system correction of the under-coverage in the register supported 2011 Italian Population Census, European conference on quality in official statistics (Q2010), Helsinki, Finland, 3-6 May 2010

- D. Cocchi, M. Fortini; Dual System domain estimation of undercount in register supported census, Convegno Statistische woche, Wuppertal, Germania, 5-8 ottobre 2009

- F. Crescenzi, M. Fortini, G. Gallo e A. Mancini; La progettazione dei censimenti generali 2010–2011, 6 – Linee generali di impostazione metodologica, tecnica e organizzativa del 15° Censimento generale della popolazione, Istat, Documenti, Numero 6/2009

- F. Panizon, M. Fortini ed altri; La qualità dei dati, Collana Istat "Conoscere il Censimento: 14° Censimento generale della popolazione e delle abitazioni", 2008, Istat, Roma

- N. Cibella, M. Fortini, T. Tuoto; The relationship between error rates and parameter estimation in the probabilistic record linkage context, Proceedings of the European Conference on Quality in Official Statistics (Q2008), Rome 8-11 July 2008

- G.Carbonetti, M. Fortini, F. Solari; Innovations on methods and survey process for the 2011 Italian population census, Proceedings of the European Conference on Quality in Official Statistics (Q2008), Rome 8-11 July 2008

- G. Carbonetti, M. Fortini; Sample results expected accuracy in the italian population and housing census, Joint UNECE/Eurostat Meeting on Population and Housing Censuses (Geneva, Switzerland, 14-16 May 2008)

- F. Crescenzi, M. Fortini; Due strategie per l'uso censuario di dati anagrafici, Atti della conferenza Intermedia Istat 2007 "Censimenti generali 2010-2011. Criticità e innovazioni", Roma, 21-22 novembre 2007 http://www.istat.it/istat/eventi/2007/interconferenza

- G. Alleva, M. Fortini, A. Tancredi; The Control of Non-Sampling Errors on Linked Data: an Application on Population Census, Relazione invitata pubblicata negli Atti Convegno Intermedio SIS2007 "Rischio e Previsione", Venezia, 6 – 8 giugno 2007

- M. Fortini, M. Scannapieco, L. Tosco, T. Tuoto; Towards an Open Source Toolkit for Building Record Linkage Workflows, Atti dell'International Workshop on Information Quality in Information Systems (IQIS 2006), Chicago-USA 30 giugno 2006

- M. Fortini; Modello cattura-ricattura in presenza di errori di abbinamento: un approccio bayesiano, in Metodi statistici per l'integrazione di dati da fonti diverse, a cura di Liseo B. Montanari G.E., Torelli N., Franco Angeli editore, 2006, Milano, pp. 211-225