

# Curriculum Vitae

## General information

**Birth:** April 23<sup>rd</sup>, 1977, Naples (Italy)  
**Nationality:** Italian  
**Languages:** Italian, French, English



## Professional information

**Position:** *Maître de conférences* (Associate professor) at Telecom-ParisTech – LTCI CNRS  
**Institution:** Institut Mines-Telecom, Telecom-ParisTech  
**Department:** Traitement signal et image (TSI)  
**Telephone:** +33.(0)1.45.81.79.63  
**E-mail:** cagnazzo@telecom-paristech.fr  
**Web Site:** <http://cagnazzo.wp.mines-telecom.fr/>  
<https://www.linkedin.com/in/cagnazzo/>

## Education

September 2013 *Habilitation à Diriger des Recherches* (Habilitation to Lead Research), *Université Pierre et Marie Curie*, Paris, France  
March 2005 Joint PhD degree from the University of Nice-Sophia Antipolis, France, and the “Federico II” University of Naples, Italy  
January 2002 MSc Telecommunication Engineering, “Federico II” University of Naples, with marks 110/110 *cum laude*

## Experience

Feb. 2008-Present *Maître de conférences* (Associate Professor) at Telecom-ParisTech – LTCI CNRS **Responsible of the Multimedia team** since December 2015.  
Nov. 2006-Jan. 2008 Post-doc at the I3S Lab, Sophia Antipolis, France (CNRS/UNSA)  
July 2006- Oct. 2006 Post-doc at *Centro Regionale Competenze ICT* (Benevento, Italy)  
Oct. 2005- June 2006 Post-doc at the National Multimedia Lab, Naples, Italy  
July 2004- June 2005 Research grant from the *Centro Regionale Competenze ICT* (Benevento, Italy)  
Feb. 2002- March 2005 Joint PhD program (Universities of Naples and Nice-Sophia Antipolis)

## Publications

- 26 articles published in international journals
- 71 articles in conferences proceedings
- 1 book (co-editor)
- 10 book chapters
- 4 contributions to MPEG standards
- 2 pending patents

## Awards

- Two *Top 10% Awards* at IEEE 2009 Multimedia Signal Processing conference
- Best paper award at 2015 International Conference on 3D Imaging

## Research areas

- 3D, multi-view and super multi-view video coding
- Rate-distortion optimization and rate control for video coding
- Video transcoding
- Robust video transmission (multiple description coding, scalable coding)
- Network coding for video
- Shape-adaptive and contour-based image coding
- Integral imaging and holoscopy
- Distributed video coding
- Remote sensing image compression

## Other information

Marco Cagnazzo is *Area Editor* for *Elsevier Signal Processing* and *Elsevier Signal Processing: Image Communication*. He was in the organizing committees of *2010 IEEE Multimedia Signal Processing Workshop* (Electronic Media Chair), *2012 EURASIP European Signal Processing Conference* (Publicity Chair) and *2014 IEEE International Conference on Image Processing* (Awards Chair).