

Emanuele SANSONE

PERSONAL DATA

ADDRESS: Via dei Ori 42, 38010, Fai della Paganella, Italy
PHONE: +39 342 3914585
EMAIL: e.sansone@unitn.it
WEBSITE: <http://emsansone.github.io/>
LINKEDIN: <http://www.linkedin.com/in/emsansone>

PUBLICATIONS

- | | |
|------|--|
| 2017 | Automatic Synchronization of Multi-User Photo Galleries
E. Sansone, K. Apostolidis, N. Conci, G. Boato, V. Mezaris, F.G.B. De Natale
IEEE Transactions on Multimedia (TMM) |
| 2017 | Efficient Training for Positive Unlabeled Learning
E. Sansone, F.G.B De Natale, Z.H. Zhou
In review (2nd round) IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI) |
| 2016 | Classtering: Joint Classification and Clustering with Mixture of Factor Analysers
E. Sansone, A. Passerini, F.G.B. De Natale
European Conference on Artificial Intelligence (ECAI) |
| 2014 | Synchronizing Multi-User Photo Galleries with MRF
E. Sansone, G. Boato, MS. Dao
MediaEval Workshop |
| 2013 | Event Clustering and Classification from Social Media: Watershed-based and Kernel Methods
TV. Nguyen, MS. Dao, R. Mattivi, E. Sansone, F.G.B. De Natale, G. Boato
MediaEval Workshop |

AWARDS AND CERTIFICATES

- | | |
|----------|---|
| SEP 2016 | Academic hardware grant award
<i>Hong Kong, China</i>
Provision of a NVIDIA Titan X GPU
Organization: NVIDIA corporation |
| JAN 2015 | Machine Learning Summer School
<i>Austin, USA</i>
Certificate of attendance
Organization: University of Texas at Austin |
| MAR 2012 | Merit award
<i>Trento, Italy</i>
Award assigned to distinguished students
Organization: University of Trento |
| Nov 2011 | Ski master instructor
<i>Milan, Italy</i> |

	<p>Certificate</p> <p>Organization: FISI, CoScuMa</p>
SEP 2011	<p>Ski coach (3° level)</p> <p><i>Milan, Italy</i></p> <p>Certificate</p> <p>Organization: FISI, STF</p>
MAY 2007	<p>Ski instructor</p> <p><i>Trento, Italy</i></p> <p>Certificate</p> <p>Organization: PAT</p>

ACADEMIC EXPERIENCE

2016	<p>Teaching Assistant, Computer Vision (Code 140266)</p> <p><i>M.Sc. in Telecommunications Engineering, University of Trento, Italy</i></p> <p>Machine Learning for Computer Vision (introduction to statistical learning theory and neural networks).</p>
2015	<p>Teaching Assistant, Multimedia Networking (Code 140151)</p> <p><i>M.Sc. in Telecommunications Engineering, University of Trento, Italy</i></p> <p>Principles of video compression/coding (useful for transmission/storage of video files).</p>
2015-2016	<p>Research Intern</p> <p><i>LAMDA group, Nanjing University, China</i></p> <p>Advised by Prof. Zhi-Hua Zhou.</p> <p>I've studied semi-supervised learning as well as positive unlabeled learning.</p>
2013- CURRENT	<p>Ph.D. candidate</p> <p><i>ICT doctoral school, University of Trento, Italy</i></p> <p>Advised by Prof. Francesco G.B. De Natale.</p> <p>My research focuses in machine learning. In particular, I'm working to solve the problem of learning a classifier (e.g. neural network) with little supervision (one or a handful of labeled samples) by exploiting unlabeled data.</p>
2011-2012	<p>M.Sc. in TELECOMMUNICATIONS ENGINEERING</p> <p>University of Trento, Italy</p> <p>Thesis: "Multimodal Photo Galleries Synchronization"</p> <p>Advisor: Prof. Nicola Conci, Giulia Boato</p> <p>110/110 <i>summa cum laude</i> GPA: 28.82/30</p>
2008-2010	<p>B.Sc. in TELECOMMUNICATIONS ENGINEERING</p> <p>University of Trento, Italy</p> <p>Thesis: "Master P-NET protocol implementation on PIC 32 architecture"</p> <p>Advisor: Prof. Dario Petri, Eng. Michele Corrà</p>

SPORT EXPERIENCE

2011- CURRENT	Ski master instructor <i>Italy</i> Holding several professional education and training courses for ski instructors and candidate ski instructors. This is the highest professional degree in alpine skiing (the total number of ski master instructors in Italy is around 200).
2007- CURRENT	Ski coach <i>Italy</i> Coach of young athletes (6-20 years old) in several racing ski teams: Ski Team Sopramonte (2007/2008), Sci Club Padova (2008/2009), Sci Club Panarotta (2009-2011), Ski Team Paganella (2013/2014), Campiglio Ski Team (2016/2017).
2002-2007	Ski athlete <i>Italy</i> See a sample list of records .

LANGUAGES

ITALIAN:	Mothertongue
ENGLISH:	Fluent (C2)
GERMAN:	Fluent (B2)
CHINESE:	Basic (A1)

INTERESTS

RESEARCH	I'm passionate about artificial intelligence and more specifically machine learning, but I'm also curious about other areas involving the study of the human learning process, like cognitive science.
VOLUNTEERING	From 2012 to 2014, I've participated to a no-profit association, GiPro , composed by young representatives of different sectors (e.g. ski instructors, engineers, lawyers, psychologists). The goal of the association is to promote the professional categories on the territory and stimulate the inter-professional collaboration of young people.
OTHERS	I like travelling around the world. In the past, I had several solo journeys in different countries, like China and Vietnam.

REFERENCES

PROF. FRANCESCO G.B. DE NATALE
University of Trento, Italy
[francesco.denatale\(at\)unitn.it](mailto:francesco.denatale(at)unitn.it)

PROF. ZHI-HUA ZHOU
Nanjing University, China
[zhouzh\(at\)nju.edu.cn](mailto:zhouzh(at)nju.edu.cn)

PROF. ANDREA PASSERINI
University of Trento, Italy
[andrea.passerini\(at\)unitn.it](mailto:andrea.passerini(at)unitn.it)

PROF. NICOLA CONCI
University of Trento, Italy
[nicola.conci\(at\)unitn.it](mailto:nicola.conci(at)unitn.it)