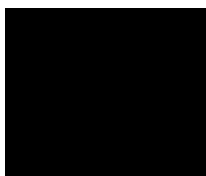


PERSONAL INFORMATION

Michela Mortara



[Redacted]

[Redacted]

michela.mortara@cnr.it

<https://imati.cnr.it/mypage.php?idk=PG-54>

[Redacted]

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input type="checkbox"/> Full professor	<input checked="" type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

01/06/2020 - present

First Researcher

Istituto di Matematica Applicata e Tecnologie Informatiche "E. Magenes" (CNR-IMATI), Genova, Italy

01/02/2012 – 31/05/2020

Level III Researcher (permanent position)

Istituto di Matematica Applicata e Tecnologie Informatiche "E. Magenes" (CNR-IMATI), Genova, Italy

01/07/2008 – 31/01/2012

Level III Researcher (temporary position)

Istituto di Matematica Applicata e Tecnologie Informatiche "E. Magenes" (CNR-IMATI), Genova, Italy

03/07/2000 – 30/06/2008

Research Fellow

Istituto di Matematica Applicata e Tecnologie Informatiche "E. Magenes" (CNR-IMATI), Genova, Italy

EDUCATION AND TRAINING

May 2004

PhD in Robotics.

University of Genova

Thesis: "Analysis and Structuring of Digital Objects Towards an Intelligent Interaction with Virtual Environments"

July 1999

Degree in Computer Science.

University of Genova

Thesis: "Shape-driven surface reconstruction from Reeb graphs"

110/110

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

English

Job-related skills

Research interests: 3D Geometric modelling and analysis applied to cultural heritage, serious gaming, geosciences and environmental monitoring. Digital twins of urban and environmental contexts.**Programming Skills:** C, C++ programming languages, Matlab (basic); OpenInventor, Coin3D graphic libraries; Unity3D game engine (basic)

Technology Transfer skills

1 registered Software:

M. Mortara, G. Patanè "Plumber: an interactive interface for multi-scale segmentation of triangulated surfaces" registered on 30/09/2005, number 003576-D004800 of the public special registry for computer programs (S.I.A.E)

Higher Education & Training skills

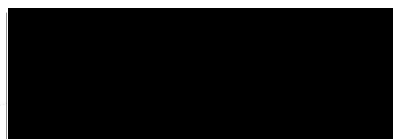
Supervision of 1 Post-Doctoral fellow, 1 PhD student, 3 research fellows.

Project Management skills	Principal investigator for CNR-IMATI in 2 International projects (RSE-CNR International Joint Project Grant <i>Modelling the challenge to visitor flow in specific historic buildings</i> , 2019-2021; EU Interreg Italia Francia Marittimo 2014-2020 <i>MATRAC-ACP</i> , 2018-2021) and 2 regional projects; WP leader in the FP7 – IST ICT EU Network of Excellence n°258169 <i>GaLA: Game and Learning Alliance</i> , 2010-2014; several task leaderships.
Other skills	Abilitazione Scientifica Nazionale alle funzioni di professore universitario di seconda fascia conseguita per il settore concorsuale 01/B1 – Informatica nella procedura indetta con D.D. n° 222 del 20/7/2012 Author of more than 100 publications; H-index Scholar 24

ADDITIONAL INFORMATION

Relevant Projects	<ul style="list-style-type: none"> National MISE Project “Casa delle Tecnologie Emergenti” di Matera (2020-2023) POR FSE Liguria 2014-2020 “Geo3D: Modelling, processing and 3D visualization of geological and geotechnical data”. Duration: 2019-2021. EU Programma di Cooperazione Interreg V-A Italia Francia Marittimo 2014-2020 <i>MATRAC-ACP</i> - Asse prioritario del Programma2-Protezione e valorizzazione delle risorse naturali e culturali e gestione dei rischi - Obiettivo specifico della Priorità d'Investimento 6C2-Accrescere la protezione delle acque marine nei porti. Duration: 2018-2021 EU Integrated Project FP7-ICT-2011 contract n°318787 <i>iQmulus: A HIGH-VOLUME FUSION AND ANALYSIS PLATFORM FOR GEOSPATIAL POINT CLOUDS, COVERAGES AND VOLUMETRIC DATA SETS</i> Duration: 2012 -2016 International contract Italia-Giappone <i>MONOLITH</i> "High quality digital terrain modelling". Duration: 1998-2002.
Relevant Publications	<ul style="list-style-type: none"> Berretta, Serena, Cabiddu, Daniela, Pittaluga, Simone, Mortara, Michela, Spagnuolo, Michela, and Zuccolini, Marino “Adaptive environmental sampling: the interplay between geostatistics and geometry”. <i>Smart Tools and Applications in Graphics (STAG)</i> 2018 Serena Berretta, Daniela Cabiddu, Michela Mortara, Simone Pittaluga, Michela Spagnuolo, Marino Vetuschi Zuccolini. An innovative sampling strategy for the monitoring of pollutants in harbours. Minisymposium “Characterization of reactive transport processes under uncertainty”, SIAM conference on Mathematical and Computational Issues in Geosciences (GS21). M Miola, D Cabiddu, S Pittaluga, M Mortara, MV Zuccolini, G Imitazione “ 3D modeling and integration of heterogeneous geo-data” <i>STAG: Smart Tools and Applications in Graphics</i> (2021)
Relevant Collaborations	University of Genova, Dept. For Earth, Environment and Life Sciences RINA Consulting

Genova, 15/02/2022



Firmato digitalmente da:
MICHELA MORTARA
Consiglio Nazionale delle
Ricerche
Firmato il: 13-04-2023 14:25:29
Seriale certificato: 1045117
Valido dal 07-07-2021 al 07-07-
2024