

Davide Panella

EDUCATION AND TRAINING

[2019 - 2023]

Dottorato di Ricerca in Scienze e Tecnologie della Vita Oncologia Molecolare e Traslazionale e Tecnologie Medico-Chirurgiche Innovative

Università degli Studi 'Magna Graecia' di CATANZARO

Town: CATANZARO

EQF level: 8

NQF level: Doctor of Philosophy (Ph.D.)

Dissertation/thesis title: ANALYSIS OF THE DISTRIBUTION, COMPOSITION AND ROLE OF LIPID DROPLETS IN MELANOMA TUMOR CELLS

[2015 - 2018]

INGEGNERIA BIOMEDICA

Università degli Studi 'Magna Graecia' di CATANZARO

Town: CATANZARO

2nd level degree in Biomedical engineering

Final degree mark: 110/110 cum laude

EQF level: 7

NQF level: 2nd cycle degree/Master of Science (2 years)

Dissertation/thesis title: Development on an ESP32 platform of an Indoor positioning system

[2011 - 2015]

INGEGNERIA INFORMATICA E BIOMEDICA

Università degli Studi 'Magna Graecia' di CATANZARO

Town: CATANZARO

1st level degree in Information technology

Final degree mark: 110/110

EQF level: 6

NQF level: 1st cycle degree/Bachelor (3 years)

Dissertation/thesis title: Gestione delle funzioni di risparmio energetico in un'applicazione di wearable computing

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s)

English

LISTENING: C1 READING: C1 WRITING: C1

SPOKEN INTERACTION: C1 SPOKEN PRODUCTION: C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
Common European Framework of Reference for Languages

OTHER SKILLS

Communication skills

Spirito di gruppo

Buona capacità di comunicazione, ottenuta grazie al fatto di aver lavorato con diversi colleghi universitari su diversi progetti interdisciplinari.

Organisational / managerial skills

Senso dell'organizzazione acquisito durante il percorso di studio universitario

Job-related skills

Robotica

Automazione

Elaborazione immagini

Arduino

Elaborazione del segnale

Programmazione
 Posizionamento indoor
 Elettronica
 Biologia computazionale
 Matlab
 Spettroscopia Raman

DIGITAL COMPETENCES

SELF-ASSESSMENT				
INFORMATION AND DATA LITERACY	COMMUNICATION AND COLLABORATION	DIGITAL CONTENT CREATION	SAFETY	PROBLEM SOLVING
Proficient user	Proficient user	Independent user	-	Proficient user

Digital competences - Self-assessment grid

Basic digital competence:

OFFICE AUTOMATION

Office Suite: (Advanced) | **Spreadsheets:** (Highly Specialised) | **Web Browser:** (Advanced) | **Word Processors:** (Highly Specialised)

COMPUTER PROGRAMMING

Programming languages: Arduino (Advanced) , Java (Advanced) , MATLAB (Advanced) . Python (Intermediate) | **Web Programming:** (Advanced)

GRAPHICS AND MULTIMEDIA

(Advanced)

PUBLICATIONS

Book chapter "Chapter 6: Fabrication technologies" ; Patrizio Candeloro, Davide Panella, Salvatore Andrea Pullano, Maria Laura Coluccio and Gerardo Perozziello. ; 'Microfluidics for Cellular Applications' (2023) www.sciencedirect.com/book/9780128224823/microfluidics-for-cellular-ap...

Journal articles "Correlative Raman–Electron–Light (CREL) Microscopy Analysis of Lipid Droplets in Melanoma Cancer Stem Cells" ; Patrizio Candeloro, Luca Tirinato, Elisa Sogne, Francesca Pagliari, Davide Panella, Gerardo Perozziello, Carlo Liberale, Gobind Das, Alice Turdo, Simone Di Franco, Joao Seco, Andrea Falqui, Santo Gratteri, Arturo Pujia, Enzo Di Fabrizio. ; biosensors (2022) doi.org/10.3390/bios12121102