

WORK EXPERIENCE

Jan 2024 -

Fondazione Bruno Kessler, SD-MNF

Referent for the characterization of clean rooms materials

- monitoring the chemical, electrical and mechanical properties of the process materials used in CRD, CRM, CR3D
- mapping and updating of the procedures used to characterize process materials

Person in charge of security of CRD

Manages the roles assigned to technical staff within the CRD

- optimization of CRD bay coverage by technicians

Member of commission for the purchase of microtechnology equipment with FESR2 funds

Jan 2021 – Dec 2023

Fondazione Bruno Kessler, SD-MNF

Supervisor of Clean Room Technical Staff

- coordination of the technical staff of the FBK silicon detectors clean room (CR-D), dedicated to microfabrication processes and equipment maintenance
- monitoring of the activity on the whole clean room with the scope to improve the processing times
- extraordinary maintenance on dry and wet etching systems

Member of commission for the purchase of microtechnology equipment with IPCEI funds

Jan 2013 – Dec 2020

Fondazione Bruno Kessler, CMM/SD - MNF

Senior Clean Room Technician

Responsible for dry and wet etching bay in CR-D

- etching processes
- ordinary and extraordinary equipment maintenance
- training of new employees to operate the systems
- control of quality and safety requirements implementation
- collaboration with researchers and technologists for development of etching technologies
- relations with the suppliers

Member of commission for the purchase of microtechnology equipment with FESR funds

Aug 2006 – Dec 2012

Istituto Trentino Cultura – IRST – MTLab
Fondazione Bruno Kessler, CMM – MTLab

Clean Room Technician

Dry etching technician: processes and planned maintenance
Wet etching technician: processes and planned maintenance
Sputtering technician: processes and planned maintenance
Lithography technician: processes
PECVD, Ion Implanter operator

EDUCATION

2004

Qualified Industrial Chemist

High school "Istituto Industriale M. Buonarroti" – Trento – Italy

PERSONAL SKILLS

Mother tongue(s)	Italian
Other language(s)	English
Job-related skills	Teamwork Leadership Ability to work under pressure
Digital skills	ECDL (European Computer Driving Licence) certification
Other skills	Member of "Toxic Gases Management Group" Member of "First Aid Team" Member of "Fire Team" In possession of "Alcatel AMS 200 Hardware Training" Certificate In possession of "Swagelok Installation Training Course" In possession of "La sicurezza nell'esecuzione di lavori su impianti elettrici" Certificate