

## PERSONAL INFORMATION

**Mario Marengo**

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Sex Male | Date of birth 19/01/1956 | Nationality Italian

## PERSONAL STATEMENT

## EDUCATION AND TRAINING

|           |  |             |
|-----------|--|-------------|
| 1986–1988 | <b>Specialization in Medical Physics</b><br>Univeristy of Bologna, Bologna (Italy)   | EQF level 8 |
| 1975–1982 | <b>MSc in Physics</b><br>University of Bologna, Bologna (Italy)  | EQF level 7 |
| 1970–1975 | <b>Perito Fisico Industriale (Physics Technologist)</b><br>Istituto Tecnico Industriale Statale O. Belluzzi, Bologna (Italy) | EQF level 5 |

## WORK EXPERIENCE

|                    |  |
|--------------------|--|
| 01/03/2009–Present | <b>Head Medical Physics Department</b><br>Azienda Ospedaliero Universitaria Policlinico S.Orsola - Malpighi, Bologna (Italy) <ul style="list-style-type: none"> <li>■ Head of Department, coordinating the operation of about 30 staff in the field of physics applications in Nuclear Medicine, Radiology and Radiation Therapy</li> <li>■ Management of the radiological equipment, including procuring and maintenance of all modalities</li> <li>■ Management of the acquisition of radiopharmaceuticals products and radioactive sources</li> <li>■ Professor of Nuclear Medicine Physics at the Medical School of the University of Bologna</li> <li>■ Involved in several projects of international cooperation with the International Atomic Energy Agency</li> <li>■ Editor or reviewer for several international Journals</li> </ul> |
| 1993–2008          | <b>Senior Medical Physicst, Head of the Nuclear Medicine Physics section of the Medical Physics Department</b><br>Azienda Ospedaliero Universitaria Policlinico S.Orsola - Malpighi, Bologna (Italy) <ul style="list-style-type: none"> <li>■ Head of Section, coordinating the operation of about 5 staff in the field of physics applications in Nuclear Medicine</li> <li>■ Member of the project staff of the Hospital PET Centre, principal author of the licensing file, in charge of cyclotron operation.</li> <li>■ Member of the leading team for the ISO9002 certification of the Medical Physics Department (1999) and of the whole Hospital (2001)</li> <li>■ Professor of Nuclear Medicine Physics at the Medical School of the University of Bologna</li> </ul>  |
| 1987–1993          | <b>Medical Physicist</b><br>USL 28 Ospedale Policlinico S.Orsola -Malpighi, Bologna (Italy)  |

- Developer of a comprehensive program of quality control of equipment and radiopharmaceuticals .
- Developer of software programs for quantitative analysis of Nuclear Medicine studies
- Radiation Protection Exepert in charge for the NUclear Medicine Department

#### 1987–1987 Health Physicst

USL 28 - Presidio Multizonale di Prevenzione, Bologna (Italy)

- First Physicist in an environmental agency in the Province of Bologna.
- Inspector for the Provincial Commission on Radiation Protection.

#### 1978–1983 Medical Physics Technologist

Ospedale M. Malpighi, then USL 28 - Ospedale Policlinico S.Orsola - Malpighi, Bologna (Italy)

- quality control of radiological equipment
- radiation therapy dosimetry and planning
- operational radiation protection
- statistical analysis of clinical data

#### 1977–1978 Medical Physiscs Technologist

Ospedale Civile Umberto I°, Ancona (Italy)

- quality control of radiological equipment
- radiation therapy dosimetry and planning
- operational radiation protection
- statistical analysis of clinical data

#### 1976–1977 Physics Laboratory Assistant Teacher

Istituto Professionale Statale Fioravanti, Bologna (Italy)

- assistant teacher
- preparation of laboratory experiences
- maintenance of laboratory equipment

### PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

|         | UNDERSTANDING |         | SPEAKING           |                   | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
|         | Listening     | Reading | Spoken interaction | Spoken production |         |
| English | B2            | C2      | B2                 | B2                | B2      |
| Spanish | C1            | C1      | B2                 | B2                | B2      |

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

Communication skills good communication skills gained in international relations, participation in congresses and research projects and as Technical Expert of the International Atomic Energy Agency

Organisational / managerial skills ■ completed the Course as Manager of Departament in Medical Institutions

- leader of an organization including 30 professionals
- manager of a budget of about 2 Millions Euros/year
- active participation in externally financed research projects (Unit Head in project GR-2010-2308995 Italian Ministry of Health; Scientific Coordinator in 8 Spinner projects - Regione Emilia Romagna)

#### Job-related skills

- National qualification as Professor in Physics applied to Medicine
- Registered in the National Board of Qualified Experts in Radiation Protection, 3° level
- Technical Expert of the International Atomic Energy Agency
- Expert for the European Medicine Agency
- wide experience in Quality Systems and as Quality Auditor
- wide experience in teaching radiation physics
- Associate Editor of Physica Medica - European Journal of Medical Physics
- Associate Editor of Current Radiopharmaceuticals
- Reviewer for several international Journals (including: Applied Radiation and Isotopes; European Journal of Nuclear Medicine and Molecular Imaging Research, Computerized Methods and Programs in Biomedicine, Quarterly Journal of Nuclear Medicine and others)

#### Digital competence

| SELF-ASSESSMENT        |                  |                  |                  |                  |
|------------------------|------------------|------------------|------------------|------------------|
| Information processing | Communication    | Content creation | Safety           | Problem solving  |
| Proficient user        | Independent user | Independent user | Independent user | Independent user |

#### Digital competences - Self-assessment grid

- proficient user of office software
- expert in image manipulation and analysis software
- good knowledge of Monte Carlo simulation packages (FLUKA)
- good knowledge of programming languages (Fortran, Basic, IDL, Octave)