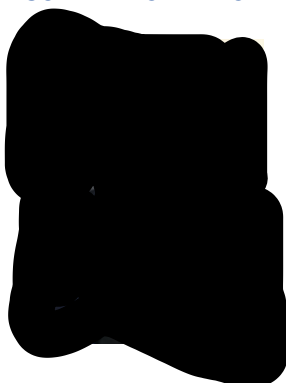


PERSONAL INFORMATION

Gian Marco Revel



Sex | Date of birth | Nationality

WORK EXPERIENCE

Since 01/11/2013 *Deputy Rector for European Research* at Università Politecnica delle Marche. In this position he promotes administrative, management and scientific actions to increase the participation of the University in EU projects.

Since 01/05/2020 *Full Professor* of Mechanical and Thermal Measurements and Sensors at the Department of Industrial Engineering and Mathematical Sciences at Università Politecnica delle Marche.

Since 01/11/2012 *Associate Professor* of Mechanical and Thermal Measurements and Sensors at the Department of Industrial Engineering and Mathematical Sciences at Università Politecnica delle Marche.

Since academic years 2001-2002 Lecturer of courses of *Measurements and Instrumentation, Measurements and Quality Control in Industrial Production, Methods and Instrumentation for Diagnostics* within the graduation courses in Engineering of Industrial Production and in Thermo-Mechanical Engineering at Università Politecnica delle Marche. Tutor of more than 30 graduation thesis in Engineering of the Industrial Production and co-tutor of 40 graduation thesis in Mechanical Engineering.

Since 2002 Member of the *Teaching Board of the PhD course in Mechanical Engineering* at Università Politecnica delle Marche. He has been Tutor for more than 8 PhD Students.

from 16/04/2000 to 01/11/2012 *Assistant Professor* of Mechanical, Thermal Measurements, Diagnostics and Experimental Techniques at the Department of Mechanics at Università degli Studi di Ancona.

From 01/04/1999 to 30/09/1999 Research Assistant at the Department of Mechanics at Università di Ancona

EDUCATION AND TRAINING

- 15/02/1999 PhD Doctor with a thesis on “*Theoretical study and experimental development of optical techniques for combustion diagnostics*”
- 1995-1998 PhD Student in Measurement Science for Engineering, at the Department of Mechanics of the Università degli Studi di Ancona. The study was carried out with the support of an “ENEA – National Agency for Alternative Energies” grant.
- July 1995 Graduated cum laude and with special mention in Mechanical Engineering at Università degli Studi di Ancona.

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

|  | UNDERSTANDING |         | SPEAKING           |                   | WRITING |
|--|---------------|---------|--------------------|-------------------|---------|
|  | Listening     | Reading | Spoken interaction | Spoken production |         |
| English  | C1            | C1      | C1                 | C1                | C1      |
| Replace with name of language certificate. Enter level if known. |               |         |                    |                   |         |

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

Communication skills ▪ good communication skills gained through the experience as University Professor for 19 years

Organisational / managerial skills ▪ leadership (currently responsible for a team of 15 people)

Computer skills ▪ good command of Microsoft Office™ tools  
▪ good command of Labview and Matlab

Other skills ▪ Sport activities (surf, running, basketball)

Driving licence ▪ B

## ADDITIONAL INFORMATION

academic year 2002-2003 and  
2003-2004

*Responsible of the Quality Insurance – RAQ* for the graduation Course in Engineering at Università Politecnica delle Marche in Fabriano (Ancona). In this role he managed the Certification ISO 9001 of the graduation course.

Scientific and Technical Activity

Author of more than 160 publications (see Annex section), Scopus *h*-index: 17. The main focus is to develop sensor and data analysis for innovative services to citizens and industry.

Scientific Responsible of the research groups at Università Politecnica delle Marche for many National and EU R&I projects and research Contracts carried out by Università Politecnica delle Marche on behalf of private companies. In the years he made his research team growing and currently the group is composed of about 15 people, including thermo-mechanical, civil, biomedical and electrical engineers, economists, strictly cooperating with physicians.

Scientific Responsible for Università Politecnica delle Marche for the Industria2015 project “Large & Light Highly Decorated Ceramic Slabs” funded by the Ministry of Economic Development.

National Coordinator for the PRIN2009 Project “Development of a Laser-Ultrasonics System for Non-Destructive Testing in the field of Rail Transportation” funded by the Ministry of Education, University and Research.

## Scientific and Technical Activity

Scientific Responsible for Università Politecnica delle Marche for the Italian Smart Cities project “Health@Home”, funded by the Ministry of Education, University and Research (2014-2018).

Referee for many ISI international peer-reviewed journals.

Considering the significance of the scientific research carried out at the beginning of his career in the *ceramic tile industry*, G.M. Revel is officially involved since 2004 in planning the European research for the Construction Industry. Covering this role, he contributed to the work plan of the 7<sup>o</sup> Framework Programme and Horizon2020. This work was carried out within the European Construction Technology Platform (ECTP, [www.ectp.org](http://www.ectp.org)). Since 2005 he is Co-Leader of the Materials & Sustainability Committee of ECTP.

G.M. Revel is National Liaison Point for Italy of the E2B Association (now embedded in ECTP), private side of the cPPP EEB launched by the European Commission under FP7 and now continuing under H2020. Now he is member of the Partnership Board between Commission and ECTP.

Since 2006, invited by the European Commission and the ECTP Support Group, G.M. Revel, in cooperation with Autostrade per l'Italia s.p.a., has founded, launched and coordinated the Italian Construction Technology Platform – PTIC, [www.ptic.it](http://www.ptic.it), with the objective to assure at the National research activity continuity and harmonization with the one carried out at European level by ECTP. In the National Platform G.M. Revel established a relevant cooperation with FEDERCOSTRUZIONI, the Industrial Federation of the Construction Industry, producing 20% of Italy GDP.

In 2010 Gian Marco Revel has been nominated by the Italian Ministry of Education, University and Research as Member of the Scientific Commission to support and control the development and implementation of the National Research Programme (PNR 2011-2013).

In 2011 Gian Marco Revel has been appointed by the European Commission as Expert and Rapporteur to coordinate the experts' group in charge for the SET-Plan road mapping exercise on “Materials Roadmap enabling low-carbon technologies” in the area *Energy Efficient Materials for Buildings*.

In 2011-2012 he has been nominated Coordinator of the Evaluation Panel in the field of Construction Industry to select projects presented for the Call of a large Industrial Research Programme launched conjunctly by Lombardia Region and Ministry of Education, University and Research.

In 2012 he was Evaluator of proposals for the Call for University Research proposals (PRIN2012) launched by the Ministry of Education, University and Research.

In 2013 G.M. Revel has been Member of an international Evaluation Panel organized by the Romanian Ministry of Education and Research for the evaluation of the activities of the following National Research Institutes (having both about 200 employees and relevant infrastructures) in Romania:

- National Institute of Research and Development in Mechatronics and Measurement Technique – INCDMTM;
- National Institute of Research - Development for Machines and Installations Designed to Agriculture and Food Industry – INMA.

## Scientific and Technical Activity

Since 2014 G.M. Revel is member of the Scientific Committee of the ECOMONDO exhibition, which is held yearly in Rimini with more than 100.000 visitors in average and more than 100 workshops. He is in the board responsible for the development of the SUSTAINABLE CITY part of the exhibition and since 2018 he has been nominated member of the Executive Board.

Since 2016 he is member of the Directive Council of APRE (Agency for the Promotion of European Research), a non-profit research organization that, in close collaboration with the Ministry of Education, University and Research (MIUR), provides its members as well as businesses, government agencies, and private individuals, information, support and assistance for participation in national and European programmes and collaborative initiatives. APRE hosts the Italian National Contact Points for Horizon 2020.

At Università Politecnica delle Marche he is Responsible for several cooperation agreement with Public Administrations, e.g. with Municipalities (e.g. Ancona, Pesaro, etc.) for planning of urban sustainable development strategies, with ANCI (National Association of Italian Cities) for the analysis of Smart City projects, with the HEALTHY CITY INSTITUTE to design monitoring systems for health impact in cities, with CONI (Italian Olympic Committee) Marche for initiatives related to energy efficiency in sport facilities, etc.

## European Projects

Scientific Responsible for the research group of Università Politecnica delle Marche for 12 projects under HORIZON2020 programme: 2 RIA (INSITER, BIM-SPEED) and 3 IA (NewTREND, P2ENDURE – G.M. Revel is Scientific Coordinator, RenoZEB) on retrofitting for energy efficient buildings and districts; 1 RIA (EnDurCrete) on environmental friendly and durable civil, industrial and offshore infrastructures; 1 IA (DESTINY) on efficient MW systems for material transformation in energy intensive processes; 2 CSA (VERAM, HOMES4LIFE) to support policies in the field of raw materials and for certification schemes for age-friendly environments; 3 MSCA Night of Researchers (3 editions of SHARPER). Scientific Responsible for 1 AAL project (eWare) and involved in another AAL (Resilien-T), both focused on supporting life of people with dementia in their houses.

He was Scientific Responsible for the research group of Università Politecnica delle Marche for 6 FP7 Projects (CETIEB, SPORT-E2 – G.M. Revel was Scientific Coordinator, COOL-COVERINGS, AXIOMA, InTUBE, DAPHNE) focused on technologies for comfort and energy efficiency in buildings, districts and sport facilities and optimization of energy intensive processes.

He was previously involved in several other projects in FP4 (Brite Euram), 5 and 6.

## Patents

Co-inventor of 4 patents, two of them are International Patents.

## Publications

The full publications list can be found at:

<http://prodapps.econ.univpm.it/iris/index.php?docente=GIAN%20MARCO%20REVEL&facolta=INGEGNERIA>