

Europass Curriculum Vitae



Personal Information

First name(s) / Surname(s) **Maurizio Dapor**
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E-mail dapor@ectstar.eu
Nationality Italian
Date of birth 23.04.1959

Academic Habilitations

Dates 26 July 2018 – 26 July 2024
 National Scientific Habilitation to Full Professor in “Experimental Physics of Matter”
Dates 10 May 2019 – 10 May 2025
 National Scientific Habilitation to Full Professor in “Theoretical Physics of Matter”

Work Experience

Dates March 2017 - Present
Occupation or position held Adjunct Professor
Main activities and responsibilities Teaching
Name and address of employer Department of Physics, University of Trento, Italy
Type of business or sector Course of Computational Methods for Transport Phenomena
Dates April 2016 - June 2016
Occupation or position held Visiting Professor
Main activities and responsibilities Computational Physics
Name and address of employer Department of Applied Physics, University of Alacant, Spain
Type of business or sector Research
Dates December 2014 – November 2015
Occupation or position held Leverhulme Visiting Professor
Main activities and responsibilities Computational Physics
Name and address of employer Department of Materials Science and Engineering, University of Sheffield, UK
Type of business or sector Research
Dates April 2015
Occupation or position held Adjunct Professor
Main activities and responsibilities Teaching
Name and address of employer Doctoral School - Civil, Environmental and Mechanical Engineering, University of Trento, Italy
Type of business or sector Course of Computational Materials Science
Dates January 2015 - Present

Occupation or position held	Senior scientist
Main activities and responsibilities	Computational Physics
Name and address of employer	European Centre for Theoretical Studies in Nuclear Physics and Related Areas (ECT*), Trento, Italy
Type of business or sector	Research
Dates	February 2012 - June 2015
Occupation or position held	Adjunct Professor
Main activities and responsibilities	Teaching
Name and address of employer	Department of Physics, University of Trento, Italy
Type of business or sector	Course of Solid State Physics
Dates	March 2010 - Present
Occupation or position held	Head of the FBK Interdisciplinary Laboratory for Computational Science (LISC)
Main activities and responsibilities	Computational Physics, Head of the Laboratory
Name and address of employer	Fondazione Bruno Kessler (FBK), Trento, Italy
Type of business or sector	Research
Dates	May 2008 - April 2010
Occupation or position held	Head of the FBK Computational and Theoretical Research Unit (CTP- FBK)
Main activities and responsibilities	Computational Physics, Head of the Laboratory
Name and address of employer	Fondazione Bruno Kessler (FBK), Trento, Italy
Type of business or sector	Research
Dates	January 2009 - December 2009
Occupation or position held	Scientific Consultant
Main activities and responsibilities	Computational Physics
Name and address of employer	Integrated Systems Laboratory at the Swiss Federal Institute of Technology (ETH), Zurich, CH
Type of business or sector	Research
Dates	June 2007 - February 2008
Occupation or position held	Research Associate
Main activities and responsibilities	Computational Physics
Name and address of employer	Department of Engineering Materials, University of Sheffield, UK
Type of business or sector	Research
Dates	August 1988 - Present
Occupation or position held	Scientist
Main activities and responsibilities	Computational and Experimental Physics, Materials Science
Name and address of employer	Former Istituto per la Ricerca Scientifica e Tecnologica (IRST), now Fondazione Bruno Kessler (FBK), Trento, Italy
Type of business or sector	Research
Dates	March 1986 - July 1988
Occupation or position held	Scientific Consultant
Main activities and responsibilities	Computational and Experimental Physics, Materials Science
Name and address of employer	Former Istituto per la Ricerca Scientifica e Tecnologica (IRST), now Fondazione Bruno Kessler (FBK), Trento Italy
Type of business or sector	Research
Education and Training	
Dates	November 2009 – April 2013
Title of qualification awarded	Ph.D. (Dottorato di ricerca)
Principal subjects/occupational skills covered	Materials Science and Engineering

Name and type of organisation providing education and training | University of Trento, Italy

Dates | November 1978 – April 1984

Title of qualification awarded | M.Sc. (Laurea, Summa cum Laude)

Principal subjects/occupational skills covered | Physics

Name and type of organisation providing education and training | University of Trento, Italy

Dates | September 1973 – July 1978

Title of qualification awarded | High School Diploma

Principal subjects/occupational skills covered | Science and Humanities

Name and type of organisation providing education and training | Liceo Antonio Rosmini, Rovereto, Trento, Italy

Personal Skills and Competences

Mother tongue(s) | **Italian**

Other language(s)

Self-assessment

European level ()*

English()**

French

Spanish

Understanding

Listening

Reading

Speaking

Spoken interaction

Spoken production

Writing

B2

B2

B2

B2

B2

A1

A2

A1

A1

A1

A1

A2

A1

A1

A1

(*) *Common European Framework of Reference for Languages*

(**) *First Certificate in English, University of Cambridge, 2001*

Technical skills and competences | Maurizio Dapor received his MSc degree in Physics and his PhD degree in Materials Science and Engineering from the University of Trento, Italy. He joined the Istituto per la Ricerca Scientifica e Tecnologica (IRST) in Trento in 1986. Today, he is head of the Interdisciplinary Laboratory for Computational Science (LISC), a research unit of the European Centre for Theoretical Studies in Nuclear Physics and Related Areas (ECT*). His main scientific interests are in modeling the transport of electrons in solids. He has been a scientific consultant at the Integrated Systems Laboratory at the Swiss Federal Institute of Technology, a visiting professor at the Department of Materials Science and Engineering at the University of Sheffield, UK, and a visiting professor at the Department of Applied Physics at the University of Alacant, Spain. He is a member of the American Physical Society, the European Physical Society, and the Italian Physical Society (prize 1990). He is author of the books *Electron-Beam Interactions with Solids*, Springer Tracts in Modern Physics, vol. 186, Springer, 2003, and *Transport of Energetic Electrons in Solids*, Springer Tracts in Modern Physics, vol. 257, Springer, 2014 (first edition), 2017 (second edition), and has published more than 120 papers. He has been a referee for the following scientific journals: Journal of Applied Physics; Scanning; Scanning Microscopy; European Physical Journal: Applied Physics; Journal of Computational and Applied Mathematics; Surface and Interface Analysis; Journal of Electron Spectroscopy and Related Phenomena; Physics Letters A; Surface Science; J. Phys.: Condens. Matter.; Physica Scripta; Ultramicroscopy; Trans. Nucl. Sci.; Nuclear Inst. and Methods in Physics Research, B.

Computer skills and competences

- C
- iOS
- Microsoft Windows
- Safari, Google Chrome, Mozilla Firefox
- Microsoft Office tools (Word, Excel, Power Point)
- Office tools for Mac (Pages, Numbers, Keynote)
- Origin
- LaTeX

Driving licence | Category B

Additional Information

Contact persons:

Isabel Abril, Universitat d'Alacant
Rafael Garcia Molina, Universidad de Murcia
Cornelia Rodenburg, University of Sheffield
Mauro Ciappa, ETH, Zurich

Memberships:

American Physical Society (APS); European Physical Society (EPS); Società Italiana di Fisica (SIF) (prize 1990); Istituto Nazionale di Fisica Nucleare.

Main scientific interests:

Electron microscopy and electron spectroscopies. Monte Carlo method.

Publications:

<http://researchassessment.fbk.eu/publications/author/3430>