

# Curriculum Vitae of René M. Rossi

Empa  
Laboratory for Biomimetic Membranes and Textiles  
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## Education

1985-1990      Studies in applied physics, Université de Neuchâtel  
Diplôme en électronique physique  
1999            Dissertation (ETH Zurich, Dr. sc. techn., Diss. ETH Nr. 12946 „Experimentelle  
Untersuchung zur Wechselwirkung von Schutz und Physiologie bei  
Feuerwehrschutzkleidung“ (Experimental Studies of the Interactions between  
Protection and Physiology in Fire Fighters' Protective Clothing))

## Functions at Empa (Swiss Federal Laboratories for Materials Science and Technology)

1992-1996      Project leader in the section “Clothing/protective equipments”  
1996-2002      Project leader and technical supervisor (in the fields of protective clothing and  
flammability) in the section “Safety”  
since 1.1.2003    Head of Laboratory for Biomimetic Membranes and Textiles  
([www.empa.ch/BioMemTex](http://www.empa.ch/BioMemTex))  
since 1.1.2013    Deputy Head of Department Materials meet Life

## Teaching Activities

since 2006      Lecturer for “Thermoregulation and sport textiles” D-HEST, ETH Zurich  
since 2013      Lecturer for “Exercise in heat and cold”, Sports physiology, D-HEST, ETHZ  
2009            Fiber Society Lecturer  
since 2016      Visiting Professor, Université de Haute-Alsace, Mulhouse, France

## Memberships in committees

Since 2000: Member of the Board of the European Society for Protective Clothing,  
Since 2005: Member of the Fiber Society. 2019: President of the Fiber Society  
Since 2009: Member of the Organizing Committee of the Techtexsil Conferences, Frankfurt, Germany  
Since 2009: Member of Textranet, European Network of Textile Research Organizations  
Since 2014: Member of the Board of the Foundation “Startfeld”  
Since 2014: Member of the Board of the societies “Startfeld” and “Startfeld Innovationszentrum”  
Since 2015: Member of the Advisory Board of the Engineering Department, FHS St.Gallen  
Since 2019: Member of the Executive Committee of the School of Medicine, University of St.Gallen

## Reviewer activities

since 2006      Scientific Expert for the NSERC (Natural Sciences and Engineering Research  
Council of Canada) and the CFI (Canadian Fund for Innovation)  
since 2009      Member of Editorial Board of International Journal of Occupational Safety and  
Ergonomics  
since 2011      Member of Editorial Board of Textile Research Journal  
since 2018      Member of Editorial Board of Sensors

Author of over 250 publications in scientific journals  
(<https://scholar.google.com/citations?user=oz6QknYAAAAJ&hl=de&oi=ao>)