

Vincenzo M. Sglavo: curriculum vitae

University education

“Laurea (Master) cum laude” in Materials Engineering (University of Trento, Italy, 1988)

Appointments

Full Professor of Materials Science and Technology Department of Industrial Engineering, University of Trento, Italy, 2019 to date) Associated Professor of Materials Science and Technology (Faculty of Engineering - Department of Industrial Engineering, University of Trento, Italy, 1999-2018)

Adjunct Professor (Materials Research Institute, The Pennsylvania State University, USA, 2001)

Post Doctoral Fellow (Department of Materials Science and Engineering, The Pennsylvania State University, USA, 1993-1994)

Assistant professor (Department of Materials Engineering, University of Trento, Italy, 1989-1999)

Teaching and research activity

Course of Technologies and applied chemistry for environment protection (University of Trento, 1995-2000)

Course of Ceramic processing and engineering - in English (Faculty of Engineering - Department of Industrial Engineering, University of Trento, 1995 to date)

Course of Glass engineering - in English (Faculty of Engineering - Department of Industrial Engineering, University of Trento, 2005 to date)

Teacher at the International Doctoral School of Materials Science & Engineering, University of Trento

Advisor of more than 90 “laurea” (Master) thesis and of 28 PhD students

Manager and supervisor for more than 30 research projects funded by Italian and foreign private companies, NATO, Italian government, European Community and University of Trento

Referee for several international scientific journals and advisor for Italian, German, French, Austrian, Israeli, Serbian and Russian governments for the evaluation of research&development projects.

Fundamental research interests

Fatigue and fracture phenomena in glasses and ceramics

Chemical strengthening of glass by ion-exchange

Design and production of high strength-high reliability glasses and ceramics

Sintering of ceramics under electrical field

Materials for Solid Oxides Fuel Cells (SOFC)

Other research topics

Reuse of industrial wastes for the production of new materials

Oxychloride cements

Bioceramics

Additive manufacturing of inorganic materials

Other informations

Author of more than 170 scientific papers and of 12 patents

Bibliometrics parameters (according to Scopus): documents = 190, h-index = 25, citations 2405

- Associated Editor of the Journal of the American Ceramic Society
- Associated Editor of the International Journal of Ceramic Engineering and Science (IJCES) sponsored by the American Ceramic Society
- Member of the American Ceramic Society and the Society of Glass Technology
- Member of the Italian association of professional engineers