

## Francesco Giuseppe Cordoni

is an Associate Professor in the Department of Civil, Environmental and Mechanical Engineering at the University of Trento, specializing in mathematical modeling, stochastic processes, and radiotherapy AI. He holds a Ph.D. in Mathematics and was awarded the 2021 Radiation Research Editors' Award.

### Key Details

- **Affiliation:** University of Trento (UniTrento), Department of Civil, Environmental and Mechanical Engineering.
- **Position:** Associate Professor.
- **Research Areas:** Mathematical modeling, AI in radiotherapy, stochastic processes, and quantitative finance.
- **Key Recognition:** 2021 Radiation Research Editors' Award for the paper "Cell Survival Computation via the Generalized Stochastic Microdosimetric Model (GSM2)".
- **Education/Background:** Ph.D. in Mathematics.

### Key Publications & Projects

- **GSM2 Model:** Validated the Generalized Stochastic Microdosimetric Model (GSM2) for particle beam radiation.
- **Academic Output:** Published on topics including stochastic processes, and radiation effects, with over 600 citations on ResearchGate.
- **Research Visits:** Hokkaido University (2019).