



| Applicant first name |  |
| --- | --- |
| Applicant last name |  |
| Year of master degree completion |  |
| University & lab of master degree |  |
| Title of master degree |  |
| Describe here in which country/ies you studied, worked and lived since September 2021 |  |
| Indicate which FunctiGlass PhD position you are applying for. Please rank positions in case of multiple application |

| TICK / RANK | PhD n° | Project title |
| --- | --- | --- |
|  | 1 | Er3+-doped nanoparticles containing silica and silicate-based fibers with enhanced 1.5µm emission |
|  | 2 | Planar Er3+ doped germanate glass-ceramic waveguide with strong 2.7µm emission |
|  | 3 | Direct-laser-writing of mid-IR active photonic integrated circuits in Tm3+ doped tellurite glass |
|  | 4 | Photonic platforms for the detection of pathogens in food production |
|  | 5 | Selective recovery and reuse of rare earths from silica fibers and e-waste |
|  | 6 | Irradiation effect in Ce3+ doped phosphate and silicate glasses |
|  | 7 | Optical sensor for organophosphorus pesticides detection and immobilization  |
|  | 8 | Scintillating Glasses for Real Time Dosimetry |
|  | 9 | 3D printing of biophotonic biomaterials |
|  | 10 | Inverse design for optical meta-fibers sensors |
|  | 11 | Inverse design of femtosecond laser written nanostructures in optical fibers to harness light scattering |

 |
| First referee – indicate laboratory + email |  |
| Second referee – indicate laboratory + email |  |