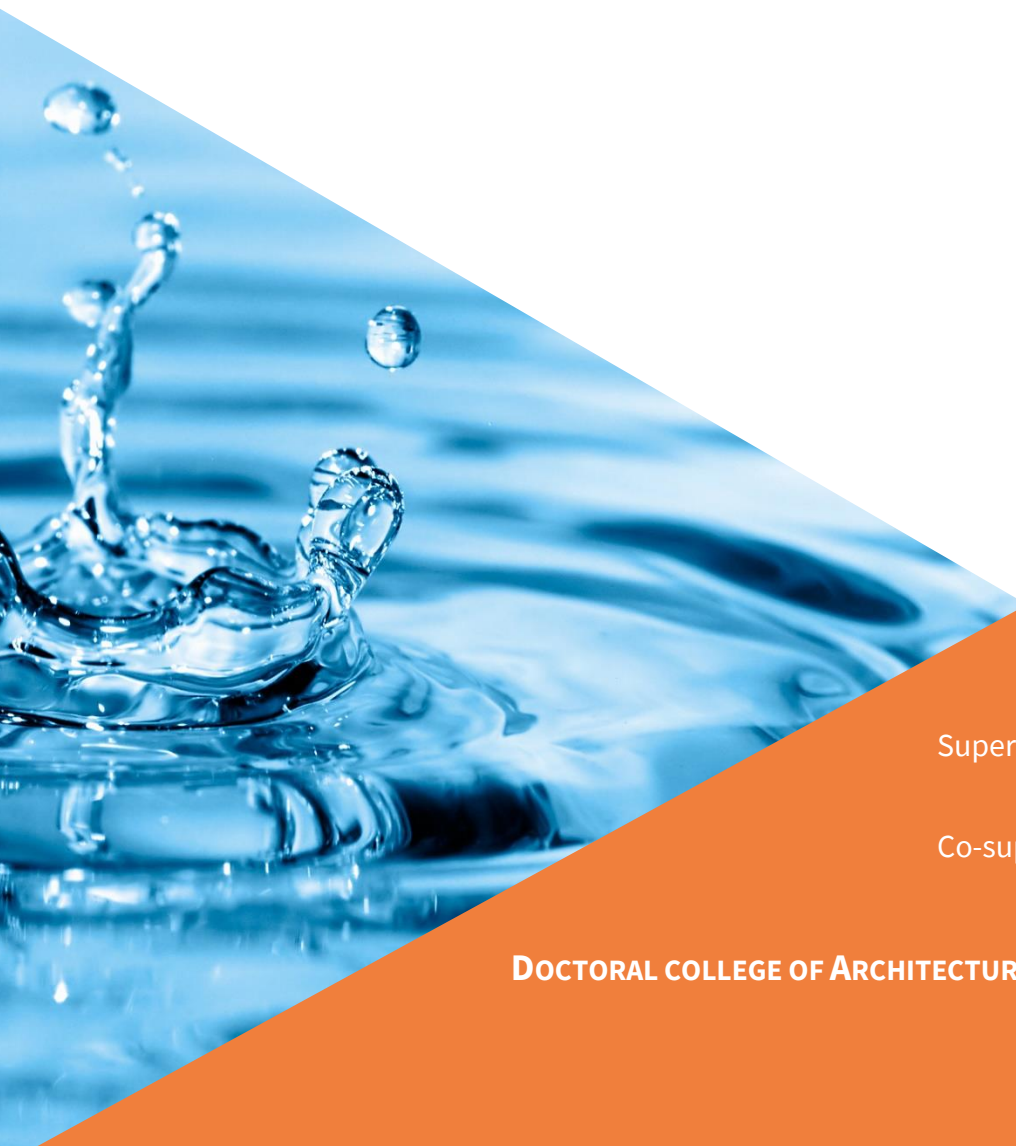


# **Numerical modelling of fire-resistant glazing and frame in a full-scale fire test**

A thesis submitted in partial fulfillment of the requirements  
for the degree of Doctor of Philosophy (PhD) in Engineering Science

by

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**DECEMBER 2024**