

KU LEUVEN

Faculty of Engineering Department of Metallurgy and Materials Engineering Kasteelpark Arenberg 44, 3001 Leuven, Belgium

Epitaxial growth of GeSn compounds for advanced CMOS and Photonics applications

Promotor: Prof. Dr. M. Heyns Copromotor:

Prof. Dr. K. Temst

Dissertation presented in partial fulfilment of the requirements for the degree of Doctor in Engineering

by

ir. Federica Gencarelli

in collaboration with

