

**MODELISATION OF CORIUM FROM FUKUSHIMA-DAICHI  
POWERPLANT USING PANTHERE CODES**

**THESIS**

Presented as partial fulfillment for the requirement to obtain

Master of Engineering Physics, Universitas Gadjah Mada

And

Master of Science in Sustainable Nuclear Engineering : Applications and

Management, IMT Atlantique



Submitted by

**RIONALDY**

**Student Number ( Universitas Gadjah Mada ) : 17/419589/PTK/11699**

**Student Number ( IMT Atlantique ) : F3763**

**DEPARTEMENT OF NUCLEAR ENGINEERING AND  
ENGINEERING PHYSICS  
FACULTY OF ENGINEERING  
UNIVERSITAS GADJAH MADA**

**NOVEMBER, 2019**