

NAMEC - Team Description Paper

Small Size League RoboCup 2023

Application of Qualification in Division B

M. Bernet, E. Bouvier, A. Calugi, B.Chew, P. Félix, J. Gautier, C. Godinat, C. Gubanski, C.Labbé, J. Lindois, T.W. Meunier, E. Miqueu, N. Morera, E. Schmitz, C.A. Vlamynck

IUT - Université de Bordeaux, Gradignan, France
`contact@etienne-schmitz.com` (corresponding author)

Abstract. This paper outlines the latest developments and enhancements undertaken by NAMEC, the RoboCup Small Size League team located in the University of Bordeaux, France.

1 Introduction

Since our debut in the Robocup arena in 2018, NAMEC has participated in three competitions : Montreal, Sydney and Bordeaux. As we set our sights on the forthcoming 2024 RoboCup event in Eindhoven, this year's Team Description Paper (TDP) underscores our commitment to excellence and continuous improvement. We are making an incremental upgrade to our hardware and electronics system before a major overhaul scheduled for next year. Simultaneously, we are rewriting our embedded system entirely in Rust to enhance performance, reliability and safety. In software development, we are focusing on the primary challenge faced by our team : debugging and visualization within our CRABE framework.