

2022 IEEE INTERNATIONAL WORKSHOP ON

Metrology for eXtended Reality, Artificial
Intelligence and Neural Engineering

Rome, Italy / October 26-28, 2022



protom
ROBOTICS

BEST PH.D. CONTRIBUTION

TO

HUMAN-IN-THE-LOOP APPROACH FOR ENHANCED MOBILE ROBOT NAVIGATION

AUTHORED BY

KARAMELDEEN IBRAHIM MOHAMED OMER, UNIVERSITÀ POLITECNICA DELLE MARCHE, ITALY

FRANCESCO FERRACUTI, UNIVERSITÀ POLITECNICA DELLE MARCHE, ITALY

ALESSANDRO FREDDI, UNIVERSITÀ POLITECNICA DELLE MARCHE, ITALY

SABRINA IARLORI, UNIVERSITÀ POLITECNICA DELLE MARCHE, ITALY

ANDREA MONTERIÙ, UNIVERSITÀ POLITECNICA DELLE MARCHE, ITALY

CAMILLO PORCARO, UNIVERSITÀ POLITECNICA DELLE MARCHE, ITALY

ROME, OCTOBER 28, 2022

Damien Coyle

Damien Coyle, *Honorary Chair*

Pasquale Arpaia

Pasquale Arpaia, *General Chair*

Lucio De Paolis

Lucio Tommaso De Paolis, *General Chair*