



Cartel 8: Water Level Measurement using a Novel Optical magnetic Device

PONENTES:

Dr. Juan Carlos González Islas

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Dr. Jesús Patricio Ordaz Oliver

Ing. Jesus Vargas Ortiz

MAC Omar Samperio Vázquez

SEMBLANZA Dr. Juan Carlos González Islas

Juan Carlos González Islas graduated from the Electronics and Telecommunications Engineering and the Computer Science PhD at the Hidalgo Estate Autonomous University (UAEH), in 2006 and 2023, respectively. He obtained a Master of Science degree in Electronics and Telecommunications from the Center for Scientific Research and Higher Education of Ensenada Baja California (CICESE) in 2009. Since 2023, he has been a member of the National System of Researchers (SNII) Level I. He is currently a researcher attached to the Academic Area of Computing and Electronics of the UAEH. He has three patents granted by the Mexican Institute of Industrial Property (IMPI). Twice winner of the Hidalgo Award for Science, Technology and Innovation (CITNOVA) in Mexico.

SEMBLANZA Ing Jonatan Daniel Morales Arrieta

Jonatan Daniel Morales Arrieta earned his degree in Programming and Electronic Engineering, graduating from the College of Scientific and Technological Studies of the State of Hidalgo (CECyTEH) in 2019 and the Autonomous University of the State of Hidalgo (UAEH) in 2023. He received recognition in the Mexican Mathematics Olympiad in 2018 during the state phase in Hidalgo. This accolade was awarded by the Academic Area of Mathematics and Physics at UAEH, highlighting his skills in mathematics and his ability in advanced technical disciplines in programming.

SEMBLANZA Dr. Jesús Patricio Ordaz Oliver

Jesus Patricio Ordaz Oliver received the bachelor's degree in electronic and telecommunications engineering and the M.Sc. degree in automatic control from the Autonomous University of the State of Hidalgo, Hidalgo, Mexico, in 2004 and 2007, respectively, and the Ph.D. degree in automatic control from CINVESTAV, Mexico City, in 2012. He is currently with the Autonomous University of the State of Hidalgo. His research interests include nonlinear control systems, robust control, adaptive control, system identification, and observation.

SEMBLANZA Ing Jesus Vargas Ortiz

Jesus Vargas Ortiz born in Hidalgo, Mx. Graduated with a degree in Electronic Engineering from Autonomous University of the State of Hidalgo (UAEH), in 2019 and 2023, respectively and electrician technician from Industrial and services Technological Baccalaureate Center (CBTIS) in 2016 and 2019. He obtained recognition for a desing gas dectector device in Expocet (2023), organized by the Academic Area of Computing and electronics of the Institute of Basic Sciences and Engineering of the Autonomous University of the State of Hidalgo.

SEMBLANZA MAC Omar Samperio Vázquez

Omar Samperio Vázquez graduated from the Communications and Electronics Engineering at Institute Polytechnic National (IPN Zacatenco CDMX), in 2002, He obtained a master of Science degree in Automation and Control at the Hidalgo Estate Autonomous University (UAEH), in 2016. He did a three-month research stay at Laboratoire des Sciences de L'Information et des Sciences UNIVERSITÉ DE TOULON. FRANCE. He worked in companies related to PLC programming and industrial automation 2005. He currently has an electronic design and automation systems company performing PCB design, solar system installation, and door automation, in addition to studying for a PhD in automation and control and is a teacher at Area of Computing and Electronics of the UAEH