

EXPERT'S PROFILE



Name of Grantee : **Dr. Jose Ildefonso U. Rubrico**
Area of Expertise : engineering / robotics / artificial intelligence (AI)
Inclusive Date of Contract : Short-Term Program
as BSP Awardee : P1: 30 October – 16 December 2017 (47 days)
P2: 03 January – 14 February 2018 (43 days)
Host Institution : ASTI – DOST
E-mail Address : rubrico@race.u-tokyo.ac.jp

EDUCATIONAL BACKGROUND

- **PhD in Engineering / Robotics**, 2006, The University of Tokyo, Japan
- **MS Electrical Engineering**, 2002, UP Diliman
- **BS Electrical Engineering**, 1996, UP Diliman

WORK EXPERIENCES

- 2015 – present **The University of Tokyo, Japan**
Postdoctoral Research Fellow
- 2002 – 2003 **UP Diliman**
Assistant Professor
- 1998 - 2002 **UP Diliman**
Instructor
- 1998 - 2002 **UP Diliman**
Lecturer

To be Accomplished as a BSP Awardee:

1. PEDRO and COARE Projects:
 - Report on the survey and assessment of PEDRO and COARE data catalog
 - Report on the design of architecture for machine learning (ML) methods for labeling and classification of relevant COARE and PEDRO datasets
 - Report on the results of applying ML methods to selected COARE and PEDRO datasets: Objects and Change Detection
 - Results on ML method adjustments and re-training as applied to selected COARE and PEDRO datasets
2. Conducted workshop and seminar with ASTI core ML and AI group
3. Submitted at least one peer-reviewed technical paper