

2022 IUPAP Early Career Scientist Award in Medical Physics



Name:	Choirul Anam, PhD
City/Country:	Indonesia
Email:	anamfisika@gmail.com

“For his research contribution in medical image processing and dosimetry for diagnostic radiology, particularly in computed tomography.”

Anam completed his Ph.D at Physics Department, Bandung Institute of Technology (ITB) in 2018. He received Master degree from University of Indonesia (UI) in 2010 and the B.Sc degree in physics from Diponegoro University (UNDIP) in 2001. In 2016, he conducted research on computed tomography (CT) dosimetry at Kyushu University (KU). He is currently working as a Lecturer and Researcher at the UNDIP. His research interests are medical image reconstruction, medical image processing, and dosimetry for diagnostic radiology, particularly in CT. He has authored and co-authored over 200 papers. In the last ten years, he was the first author over 50 papers in peer reviewed scientific journals. He is a reviewer in many reputable medical physics journals, such as Medical Physics (Med Phys), Physics in Medicine and Biology (PMB), Journal of Applied Clinical Medical Physics (JACMP), and so on. One of his paper published in the Journal of Applied Clinical Medical Physics (JACMP) had been awarded as the Best Medical Imaging Physics Article in 2016. He received the Best Paper Award during 15th South East Asian Congress of Medical Physics (SEACOMP). He was also recognised as an Outstanding Reviewer for Physics in Medicine and Biology (PMB) in 2018 and for Biomedical Physics and Engineering Express (BPEX) in 2019. He was also awarded as the SEAFOMP Young Leader Awards 2019 for his contribution in CT dosimetry and image quality from the South East Asian Federation of Organizations for Medical Physics (SEAFOMP). In 2022, he was 3rd Best Author in the Science and Engineering category of SINTA, at UNDIP. He is developer of two software, i.e. IndoseCT (A software for measuring and managing radiation dose of computed tomography for an individual patient) and IndoQCT (A software for measuring CT image quality). The software can be downloaded through the website of www.indosect.com.