Short Biography:

Lilik Sutiarso is a Professor in the Department of Agricultural and Bio-system Engineering at the Universitas Gadjah Mada (UGM) Indonesia where he has been a faculty member since 1990. From 2012 to 2016, he was appointed as a Dean of Faculty of Agricultural Technology UGM and also the President of Indonesian Society of Agricultural Engineers (ISAE). Sutiarso completed his Ph.D. at Tsukuba University Japan in intelligent control system on agricultural machinery, his M.Eng. at Asian Institute of Technology (AIT) Thailand in Agricultural Information Support System, and his B.Eng. at Universitas Gadjah Mada (UGM) Indonesia in Agricultural Machinery Design.

His specific areas of expertise, include agricultural machinery and system. In recent years, he has focused on model and simulation in agricultural system, and in the application of soft computing for precision agricultural. He has actively collaborated with researchers in several other disciplines of computer, industrial and mechanical engineering. He is likewise a member of the Institution of Engineers Indonesia (IEI). In Year 2017, he was certified by IEI as a Professional Engineer (PE). Currently, he serves as coordinator of “Smart Agriculture – Research Center” in Department of Agricultural and Bio-system Engineering UGM.

Speech Title:

Bio-Circular-Green (BCG) Economy Concept based Model Development of Agri-Environmental Edu Techno Park in Indonesia.

Scope of Speech:

The concepts of bio-economy, green economy and circular economy share the common objective of developing a sustainable economy, and they attract enormous political, academic, social and business interest. The shift towards a BCG-economy is one of the main focus areas of socio-cultural initiatives aiming for a community relying on renewable agricultural sources while achieving economic growth. The agri-environmental sector is expected to contribute significantly to the development of the BCG-economy which at the same time support rural development by creating innovative technology for advanced agriculture based products.