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# Keynote Speaker

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**Dr. Godwin (Dwin) Osariase Tongo, PhD, MBA**  
Process Modeling & Simulation Advisor  
BP Petrochemicals Technology  
*Forney Hall of Chemical Engineering*  
*FRNY G140*

## **BIOGRAPHY**

In this role Dwin is responsible for providing process modeling, physical properties, simulation and optimization knowledge and support to Petrochemicals in order to provide business value to the organization. This includes the following:



- Provide assurance for process modeling and physical properties tools (AspenPlus)

- Provide general AspenPlus modeling consultancy and support  
Custodian of the contents in BP Aspen customizations for Petrochemicals

- Foster learning and sharing of knowledge – AspenPlus modeling and simulation community

- Deliver process modeling training

Dwin is BP representative for AIChE DIPPr (Design Institute for Physical Properties Research) and DIPPr's admin chairperson. He has more than 30 years of experience in the Petrochemicals and Pulp and Paper industry. He has been with BP for about 26 years and previously worked for Weyerhaeuser, a pulp and paper company for more than 6 years.

Dr. Dwin Tongo obtained a BS and MS in Chemical Engineering from University of Idaho (1978, 1979). He started his professional career with Weyerhaeuser Company, a forest products company in Seattle where he worked for more than six years and then went to Purdue University for his PhD. He joined BP at the Amoco Research Center in Naperville, Illinois after obtaining his PhD in Chemical Engineering from Purdue University in 1990. While most of his time has been in Petrochemicals R&D and Technology, he was in Worldwide Engineering and later joined BP's Linear Alpha Olefins (LAO) working on the design of the Joffre Alberta plant and worked in the Pasadena LAO Plant. He also has an MBA from University of Houston, Clear Lake (1999).