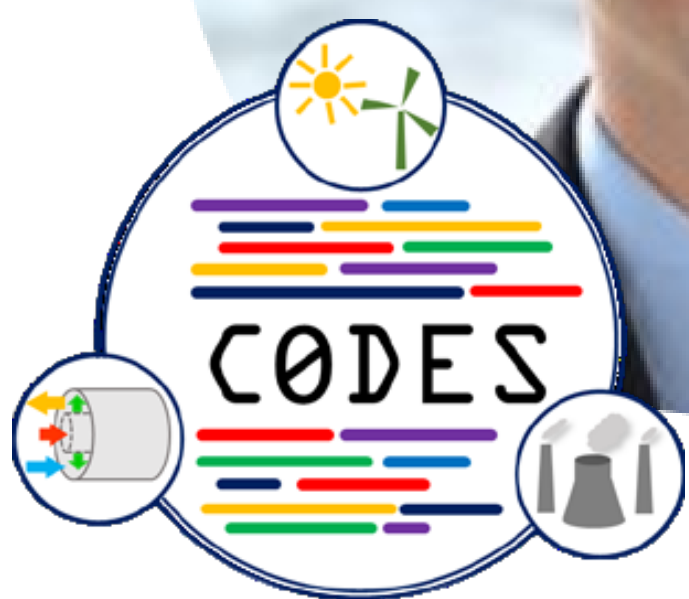


# PROCESS OPERABILITY FOR DESIGN, OPTIMIZATION AND CONTROL OF INTENSIFIED MODULAR SYSTEMS

Dr. Fernando V. Lima

Department of Chemical and Biomedical  
Engineering, West Virginia University  
Adjunct Faculty, Carnegie Mellon University

Dr Lima's website (WVU)  
<https://fernandolima.faculty.wvu.edu>



Fernando V. Lima joined the faculty as an Assistant professor of Chemical Engineering at West Virginia University (WVU) in January 2013. He is now Associate Professor of Chemical Engineering since August 2019. Dr. Lima is also currently Adjunct Faculty in the Department of Chemical Engineering at Carnegie Mellon University (CMU). His research group at WVU focuses on the development and implementation of process systems engineering methods for process design and intensification, advanced control and state estimation, modular energy systems and sustainability. He received his B.S. degree from the University of São Paulo in 2003 and his Ph.D. from Tufts University in 2007, both in Chemical Engineering. Upon completion of his Ph.D., he was a research associate at the University of Wisconsin-Madison and a postdoctoral associate at the University of Minnesota.

His research awards include the American Chemical Society Petroleum Research Fund (ACS-PRF) Doctoral New Investigator (DNI) Award in 2016, the Faculty Early Career Development Program Award from National Science Foundation (NSF-CAREER) in 2017, and the WVU Statler College of Engineering Excellence in Research Awards (in 2017 and 2021). Dr. Lima was the Area Chair for the Next-Gen Manufacturing Sessions of AIChE 2021 and was the 2022 Program Coordinator for CAST 10B Area of AIChE. He has served as the AIChE Society Associate Editor for the American Control Conference (ACC) for five years (2013-2015, 2017-2018). Dr. Lima has been a guest editor for Special Issues of Processes and Industrial and Engineering Chemistry Research journals and is a member of the Editorial Board of Journal of Process Control.

Data: 25/07/2023

Horário: 09h

Local: Auditório 5S - Santa Mônica

Faculdade de Engenharia Química - UFU

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Process Operability for Design  
Optimization and Control of  
Intensified Modular Systems



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