

CURRICULUM VITAE

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OFFICE ADDRESS:

Department of Mathematics, Faculty of Applied Science, King Mongkut's
University of Technology North Bangkok, Bangkok, Thailand. Tel: 02-555-
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EDUCATION & QUALIFICATIONS

Doctor of Philosophy, Mathematics, 2010-2016.

Mahidol University, Bangkok, Thailand

Master of Applied Science, Applied Mathematics, 2009-2010.

King Mongkut's University of Technology North Bangkok (KMUTNB),
Bangkok, Thailand. GPA: 3.60.

Bachelor of Applied Science, Applied Mathematics, 2005-2008

King Mongkut's University of Technology North Bangkok (KMUTNB),
Bangkok, Thailand. GPA: 3.32 (Second Class Honor)

WORK EXPERIENCE

Lecturer in Mathematics Department at King Mongkut's University of Technology North Bangkok, Bangkok, Thailand.

PUBLICATIONS

- 2016: Charoenloedmongkhon, A., B. Wiwatanapataphee, W. Sawangtong, N. Khajohnsaksumeth, and L. Giannini. "Numerical simulation of air-bulk solid flows in a silo with inserts." *Advances and Applications in Fluid Mechanics* 19 (3): 643-667.
- 2016: Akapak Charoenloedmongkhon, Wannika Sawangtong, Nathnarong Khajohnsaksumeth, "Numerical Simulation of Particle Mixing in Vertical Silo using Finite Element Method", *International Conference in Mathematics and Applications (ICMA2016)*, Bangkok, Thailand.
- 2014: Akapak Charoenloedmongkhon, Wannika Sawangtong, Benchawan Wiwatanapataphee, "Industrial Silo-Design Optimization Based Finite Volume Analysis" , *The First Pacific Optimization Conference (POC 2014)* Wuxi, China.
- 2014: A. Charoenloedmongkhon, T. Puaponsawat, B. Wiwatanapataphee, W. Chuayjan, "Granular Flow in Vertical Mixer Silo", *International Conference on the Analysis and Mathematical Applications in Engineering and Science (AMAES 2014)* Curtin University, Sarawak Malaysia.
- 2014: Akapak Charoenloedmongkhon, Wannika Sawangtong, Wariam Chuayjan, Benchawan Wiwatanapataphee, "Review of Granular Flow in Silo with Insert" *The 40th Congress on Science and Technology of Thailand (STT40)*, Khonkaen, Thailand.

- 2012: Akapak Charoenloedmongkhon, Sasithorn Pothiphan, Pichit Boonkrong, Benchawan Wiwatanapataphee, “Mixing of Granular Material in Silos”, The 38th Congress on Science and Technology of Thailand (STT38), Chiang, Thailand.
- 2011: Akapak Charoenloedmongkhon, Thitikom Puapansawat, Wariam Chuayjan, Benchawan Wiwatanapataphee, “Review of Granular Matter in Silo”, The 37th Congress on Science and Technology of Thailand (STT37), Bangkok, Thailand.