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## CURRICULUM VITAE

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### Publications

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2. Kuanchertchoo, N., Suwanpredee, R., Kulprathipanja, S., Aungkavattana, P., Atong, D., Hemra, K., Rirksomboon, T., and Wongkasemjit, S. (2007) Effects of synthesis parameters on zeolite membrane formation and performance by microwave technique. Appl. Organometal. Chem., 21, 841-848
3. Kuanchertchoo, N., Kulprathipanja, S., Aungkavattana, P., Atong, D., Hemra, K., Rirksomboon, T., and Wongkasemjit, S. Oriented NaA zeolite membrane

formation and performance using seeding and electrophoretic technique.  
(Submitted to Journal of the American Ceramic Society).

### Proceeding

1. Kuanchertchoo, N., Kulprathipanja, S., Aungkavattana, P., Atong, D., Hemra, K., Rirksomboon, T., and Wongkasemjit, S. (2004, Decemder 6-8) Preparation of Uniform and Nano-sized NaA Zeolite via Seeding and Microwave Techniques, Proceeding of Micropor-and Mesoporous Mineral Phases, Rome, Italy, 241-244.

### Presentations

1. ณิรบุษ ควรรเชิดชู, สันติ ฤกษ์ประทีปปัญญา, ภาวดี อังค์วัฒน์นะ, ดวงเดือน อางองค์, กันทิมา เหมรา, วีรศักดิ์ ฤกษ์สมบุญณ์ และสุจิตรา วงศ์เกษมจิตต์ (2548, มีนาคม 28-30) ผลกระทบของตัวแปรการสังเคราะห์ต่อขนาดที่เล็กและสม่ำเสมอของโซเดียมเอซีโอไลต์โดยกระบวนการโซลเจลละเทคนิคไมโครเวฟ. วิทยาศาสตร์และเทคโนโลยีไทยสู่ยุคโมเลกุล การประชุมประจำปี สวทช 2548 ศูนย์ประชุมจุฬานานวิทยาศาสตร์ประเทศไทย สำนักงานพัฒนาวิทยาศาสตร์และเทคโนโลยีแห่งชาติ กรุงเทพฯ
2. Kuanchertchoo, N., Kulprathipanja, S., Aungkavattana, P., Atong, D., Hemra, K., Rirksomboon, T., and Wongkasemjit, S. (2006, July 29-August 4) Preparation of Thin NaA Zeolite Membrane at Low Temperature, Paper presented at ZMPC 2006, Inter national Symposium on Zeolite and Microporous crystals Proceeding, Osaka, Japan.
3. Kuanchertchoo, N., Kulprathipanja, S., Aungkavattana, P., Atong, D., Hemra, K., Rirksomboon, T., and Wongkasemjit, S. (2007, June 25-28) Mechanism of NaA Zeolite Nanocrystal formation by Sol-Gel Process : Comparative between Direct and Indirect Synthesis, Paper presented at ICAPP 2007. The 2<sup>nd</sup> International Conference in Petrochemicals and Polymer Proceeding, Bangkok, Thailand.