

CURRICULUM VITAE

- NAME** : Miss Rungtiwa Chidthong
- BIRTH DATE** : November 9, 1974
- BIRTH PLACE** : Chiang Mai, THAILAND
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- | EDUCATION | : YEAR | INSTITUTION | DEGREE/DIPLOMA |
|------------------|---------------|--------------------|-----------------------|
| | : 1997 | Chiang Mai Univ. | B.Sc. (Chemistry) |
| | : 2000 | Chiang Mai Univ. | M.Sc. (Chemistry) |
| | : 2006 | Kasetsart Univ. | Ph.D. (Chemistry) |
- SCHOLARSHIPS** :
- : National Science and Technology Development Agency (NSTDA) Foundation Scholarship, (1998-1999)
 - : Postgraduate Education and Research Program in Petroleum and Petrochemical Technology (MUA-ADB) (2003-2006)
 - : Nakhon Pathom Rajabhat University (2003-2006)
 - : Commission of Higher Education (2004-2005)
 - : Cooperative Research Network (CRN) of Nanoscience and Nanotechnology under the Commission of Higher Education (International Conference, 5-9 Sept, 2005)
 - : Graduate School of Kasetsart University (International Conference, 5-9 Sept, 2005)
 - : Special Research Program F16 Advanced Light Sources (ADLIS) of the Austrian Science Fund, Austria (Sept.-Nov. 2005)
 - : Graduate School of Kasetsart University (2006)

PRESENTATIONS :

Chidthong, R., Poolmee, P., Meeto, W. and Hannnongbua, S. **Ground State Geometry Analysis of 2-pyridine-(9,9'-diethylfluorene) Based Dyad Quantum Chemical Calculations Approach** 30th Congress on Science and

Technology of Thailand (STT 2004), IMPACT Exhibition and Convention Center (Hall 1-8), Bangkok, Thailand, October 19-23, 2004.

Chidthong, R. and Hannongbua, S. **Ground State Geometry Analysis and Energy Gap of Poly-2,5-pyridine-alt-(9,9'-dihexylfluorene); Quantum Chemical Approach** 2nd Asia Pacific Conference on Theoretical & Computational Chemistry, Chulalongkorn University, Thailand, May 2-5, 2005.

Chidthong, R, Poolmee, P., Suramitr, S. and Hannongbua, S. **Study of the Electronic and Absorption Properties of the Fluorene-Pyridine Conjugated Polymers by Theoretical Investigation.** Workshop on Modeling Interactions in Biomolecules II, Czech University of Agriculture, Prague, Czech Republic, September 5-9, 2005.

Chidthong, R., Aquino, A., Hannongbua, S., Wolchann, P., and Lischka, H. **Theoretical Study on Structural and Electronic Properties of Fluorene-Pyridine Copolymer.** 10th Annual National Symposium on Computational Science and Engineering, Chiang Mai University, Chiang Mai, Thailand, March 22-24, 2006.

Poolmee, P., Suramitr, S., Chidthong, R. and Hannongbua, S. **Theoretical Investigation on Blue-light Emitting Conducting Polymer.** 11th Asia Chemical Congress, Korea University, Seoul, South Korea, August 24-26, 2005.

Chidthong, R., Rotpradit, K. and Hannongbua, S. **Study of the Structural and Electronic Properties of the Fluorene-Based Conjugated Polymers CBES** 2006 International Conference on Modeling in Chemistry and Biological Engineering Sciences, The Rama Garden Hotel, Bangkok, Thailand, October 25-27, 2006.

PUBLICATIONS :

1. Chidthong, R., Hannongbua, S., Aquino, A., Wolschann, P. and Lischka, H., *J. Comput. Chem.*, 2007, Accepted.
2. Chidthong, R., Hannongbua, S. **Ground and excited of Fluorene-Pyridine Copolymer**, In preparation.
3. Chidthong, R., Hannongbua, S., Aquino, A., Wolschann, P., Lischka, H., **TD-DFT Investigation on the Ground and Excited States Properties of Fluorene derivatives**, In preparation.
4. Chidthong, R., Hannongbua, S., Aquino, A., Wolschann, P., Lischka, H., **Theoretical investigation on structural properties of Fluorene-Pyridine Copolymer**, In preparation.