

VITA

Name-Surname

Miss Ruamporn Potong

Date of Birth

9 February 1987

Education

B.Sc. (Materials Science), Chiang Mai University,
Chiang Mai (2005-2008)

Ph.D. (Materials Science), Chiang Mai University,
Chiang Mai (2009-2013)

Scholarships

- The Royal Golden Jubilee Ph.D. Program of the Thailand Research Fund
- Valero Foreign Visiting PhD Student Award at Electrical and Computer Engineering, the University of Texas at San Antonio, United States of America (USA)

Training

Research training at Electrical and Computer Engineering, the University of Texas at San Antonio, United States of America (USA) from June to November 2012 [With Prof. Dr. Amar S. Bhalla].

Publications:

1. **R. Potong**, R. Rianyoi and A. Chaipanich, “Dielectric Properties of Lead-Free Composites from 0-3 Barium Zirconate Titanate-Portland Cement Composites”, *Ferroelectrics Letter*, 38, 2011, pp.18-23.
2. **R. Potong**, R. Rianyoi, A. Ngamjarurojana and A. Chaipanich, “Dielectric and Piezoelectric Properties of 1-3 Non-Lead Barium Zirconate Titanate-Portland Cement Composites”, *Ceramic International*, 39, 2013, pp.S53-S57.
3. **R. Potong**, R. Rianyoi, A. Ngamjarurojana, R. Yimnirun, R. Guo, A.S. Bhalla and A. Chaipanich, “Effect of Particle Size on Dielectric Properties and Hysteresis Behavior of 0-3 Barium Zirconate Titanate-Portland Cement Composites”, *Integrated Ferroelectrics*, 148, 2013, pp.131-137.
4. **R. Potong**, R. Rianyoi, A. Ngamjarurojana, R. Yimnirun, R. Guo, A.S. Bhalla and A. Chaipanich, “Acoustic and Piezoelectric Properties of 0-3 Barium Zirconate Titanate-Portland Cement Composites-Effects of BZT Content and Particle Size”, *Ferroelectrics*, 455, 2013, pp.69-76.

International Conferences:

1. **R. Potong**, R. Rianyoi and A. Chaipanich, “Effect of Particle Size on the Dielectric Properties of Environmental Friendly Lead-Free Composites from 0-3 Barium Zirconate Titanate-Portland Cement Composites”, The 1st Environment Asia International Conference on Environmental Supporting in Food and Energy Security: Crisis and Opportunity, March, 2011, Bangkok, Thailand.
2. **R. Potong**, R. Rianyoi, A. Ngamjarrojana and A. Chaipanich, “Ferroelectric and Piezoelectric Properties of 0-3 Lead-Free Barium Zirconate Titanate-Portland Cement Composites”, International Forum on Functional Materials (IFFM 2011) The 2nd Special Symposium on Advances in Functional Materials (AFM-2), July, 2011, Jeju island, Korea.
3. **R. Potong**, R. Rianyoi and A. Chaipanich, “Electromechanical Properties of 0-3 Non Lead Barium Zirconate Titanate-Portland Cement Composites”, International Conference on Advanced Electromaterials (ICAE 2011), November, 2011, Jeju island, Korea.
4. **R. Potong**, R. Rianyoi, A. Ngamjarrojana, R. Yimnirun, R. Guo, A.S. Bhalla and A. Chaipanich, “Effect of Particle Size on Dielectric Properties and Hysteresis Behavior of 0-3 Barium Zirconate Titanate-Portland Cement Composites”, The INAMM-Special International Workshop and Symposium on Emerging Frontiers in Multiferroics and Electronic Metamaterials, December, 2012, Pattaya, Thailand.

5. **R. Potong**, R. Rianyoi, A. Ngamjarurojana, R. Yimnirun, R. Guo, A.S. Bhalla and A. Chaipanich, “Acoustic and Piezoelectric Properties of 0-3 Barium Zirconate Titanate-Portland Cement Composites-Effect of BZT Content and Particle Size”, The 8th Asian Meeting on Ferroelectrics (AMF-8), December, 2012, Pattaya, Thailand.