

## VITAE

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### Publications:

1. S. Ananta, **R. Tipakontitikul**, T. Tunkasiri, "Synthesis, Formation and Characterisation of Zirconium Titanate (ZT) Powders," *Mater. Lett.*, **57**, 2637-2642, (2003).
2. **R. Tipakontitikul** and S. Ananta, "A Modified Two-Stage Mixed Oxide Synthetic Route to Lead Zirconate Titanate Powders," *Mater. Lett.*, **53**, 449-454, (2004).

3. **R. Tipakontitikul**, S. Ananta and R. Yimnirun, "Effect of Sintering Conditions on Densification and Dielectric Properties of PZT Ceramics," *Chiang Mai J. Sci.*, 2005 (submitted)
4. **R. Tipakontitikul**, S. Ananta and R. Yimnirun, "Phase Formation and Transitions in the Lead Magnesium Niobate-Lead Zirconate Titanate System," *Curr. Appl. Phys.*, 2005 (submitted)

#### International Conferences:

1. **R. Tipakontitikul**, S. Ananta and T. Tunkasiri, "Preparation and Characterization of Lead Zirconate Titanate Powders by a Two-Step Mixed Oxide Technique," *In the First International Conference on Materials Processing for Properties and Performance*, Singapore (2002).
2. **R. Tipakontitikul**, S. Ananta, R. Yimnirun, D. C. Sinclair, W. E. Lee and T. Tunkasiri, "Dielectric properties and Microstructure of  $0.90\text{Pb}(\text{Zr}_{1/2}\text{Ti}_{1/2})\text{O}_3$ - $0.10\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$  Ceramics Prepared by Mixed Oxide Method," *In the 55 years of ferroelectrics : a symposium to make the 80<sup>th</sup> birthday of Professor Eric Cross*, Leeds, United Kingdom (2003).
3. **R. Tipakontitikul**, S. Ananta and R. Yimnirun, "Effect of Sintering Conditions on Densification and Dielectric Properties of PZT Ceramics," *In the International Conference on Smart Materials*, Chiang Mai, Thailand (2004).

**National Conferences:**

1. **R. Tipakontitikul** and S. Ananta, "Microstructure and Microwave Dielectric Properties of Zirconium Titanate Ceramics," *In The 3<sup>rd</sup> Asean Microscopy Conference and 19<sup>th</sup> Annual conference of EMST*, Chiang Mai, Thailand (2002).
2. S. Ananta and **R. Tipakontitikul**, "Lead Zirconate Titanate Powders Derived from A Modified Solid-State Reaction Technique," *In The 3<sup>rd</sup> Asean Microscopy Conference and 19<sup>th</sup> Annual conference of EMST*, Chiang Mai, Thailand (2002).
3. **R. Tipakontitikul**, "A Modified Two-Stage Mixed Oxide Synthetic Route to Lead Zirconate Titanate Powders," *In The First Electro-Ceramic Symposium*, Chiang Mai, Thailand (2003).
4. **R. Tipakontitikul**, A. Ngamjarurojana, S. Wongsanmai, S. Ananta and R. Yimnirun, "Measurement of Planar Electromechanical Coupling Coefficient ( $k_p$ ) of Lead Magnesium Niobate - Lead Zirconate Titanate Ceramics By Resonance Method," *In the 30<sup>th</sup> Congress on Science and Technology of Thailand*, Bangkok, Thailand (2004).
5. **R. Tipakontitikul**, R. Yimnirun, S. Ananta and T. Tunkasiri, "Synthesis and Characterization of Lead Magnesium Niobate Ceramics," *NAC 2005: In the Thai Science & Technology toward the Molecular Economy*, Pratumtee, Thailand (2005).