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**Degrees**

- B.S. (Packaging Technology) Chiang Mai University, THAILAND
- M.S. (Packaging Technology) Kasetsart University, THAILAND
- M.Eng. (Organic and Polymeric Materials) Tokyo Institute of Technology, Tokyo, JAPAN
- D.Eng. (Organic and Polymeric Materials) Tokyo Institute of Technology, Tokyo, JAPAN

**Fields of interest**

- Biopolymers, Polymers, Polymer blend, Polymer composite, Polymer physics, Polymer chemistry, Packaging materials, Printing

**Publications**

- Effect of plasticizer type on tensile property and in vitro indomethacin release of thin films based on low-methoxyl pectin. Jantrawut, P.,\* Chaiwarit, T., **Jantanasakulwong, K.**, Brachais, C.H., Chambin, O. *Polymers*. 2017, doi 10.3390. (IF= 3.364)
- **Jantanasakulwong, K.**,\* Leksawasdi, N., Seesuriyachan, P., Wongsuriyasak, S. Techapun, C., Ouizawa, T. Reactive blending of thermoplastic starch, epoxidized natural rubber and chitosan., *European Polymer Journal*. 2016, 153, 89-95. (IF= 3.485)
- **Jantanasakulwong, K.**,\* Leksawasdi, N., Seesuriyachan, P., Wongsuriyasak, S. Techapun, C., Ouizawa, T. Reactive blending of thermoplastic starch and polyethylene-graft-maleic anhydride with chitosan as compatibilizer., *Carbohydrate Polymers*. 2016, 84, 292-299. (IF= 4.219)
- **Jantanasakulwong, K.**,\* Kobayashi, Y., Kuboyama, K., Ougizawa, T. Thermoplastic vulcanizate based on poly(lactic acid) and acrylic rubber blended with ethylene ionomer. *Journal of Macromolecular Science, Part B*. 2016 doi.org/10.1080/00222348.2016.1238434. (IF= 0.620)

- Svoboda, P., Svobodova, D., Mokrejs, P., Vasek, V. Jantanasakulwong, K., Toshiaki Ougizawa, Takashi Inoue. Electron beam crosslinking of ethylene-octene copolymers, *Polymer*, 2015, 81: 119-128. (IF= 3.586)
- Jantanasakulwong, K.,\* Kuboyama, K., Ougizawa, T. Thermoplastic Elastomer by Terpolymer Reactive Blending of Polyamide, Ethylene-1-Butene Rubber and Ionomer, *Journal of Macromolecular Science, Part B: Physics*, 2014. 53: 1090–1102. (IF= 0.620)
- Jantanasakulwong, K.,\* Rohindra, D., Mori, K., Kuboyama, K., Ougizawa, T. Thermoplastic Elastomer by Reactive Blending of Poly(butylene succinate) with Ethylene-Propylene-Diene Terpolymer and Ethylene-1-Butene Rubbers. *Journal of Elastomers and Plastics*, 2013. Vol. 47(3) 215–231. (IF= 0.670)
- Poongavalappil, S., Svoboda, P., Theravalappil, R., Svobodova, D., Vasek, V., Jantanasakulwong, K., Ougizawa, T. Cross-linking kinetics study and high temperature mechanical properties of ethylene-octene copolymer (EOC)/dicumyl peroxide (DCP) system. *European Polymer Journal*, 2011. 47, 1949-1955. (IF= 3.485)

#### International Conferences:

- Jantanasakulwong, K., Leksawasdi, N Seesuriyachan, P., Wongsuriyasak, S., Techapun<sup>1</sup>, C., Ougizawa, T. 2016. Reactive Blending of Thermoplastic Starch and Epoxidized Natural Rubber with Chitosan as Compatibilizer. The 5th International Conference on Biomass Energy & Exhibition (ICBE 2016). China National Convention Center, Beijing, People Republic of China. 16 – 19 October 2016, Oral Presentation
- Jantanasakulwong, K., Leksawasdi, N Seesuriyachan, P., Wongsuriyasak, S., Techapun<sup>1</sup>, C., Ougizawa, T. 2016. Mechanical Properties Improvement of Starch Blending with Natural Rubber and Carboxymethyl Cellulose. The Food and Applied Bioscience International Conference (FAB) 4-5 February 2016 in Chiang Mai, Thailand, Oral Presentation.
- Jantanasakulwong, K., Kobayashi, Y., Kuboyama, K., Ougizawa, T. 2015 Thermoplastic Vulcanizate based on Poly(lactic acid) and Acrylic Rubber Blend with Ethylene Ionomer. International Conference in Advanced Polymers via Macromolecular Engineering (APME) 18-22 October 2015 in Yokohama, Japan, Oral Presentation.
- Jantanasakulwong, K., Kuboyama K, Ougizawa T. 2013. Thermoplastic Elastomer by Terpolymer Reactive Blending of Polyamide, Ethylene-1-Butene Rubber and Ionomer.

3rd Thailand - Japan Rubber Symposium 10-14 March 2013 in Hachioji, Japan, Oral Presentation.

- **Jantanasakulwong, K.** Kuboyama K, Ougizawa T. 2011. Thermoplastic Elastomer by Poly(lactic acid) and Acrylic Rubber Blending with Ionomer Interfacial Compatibilizer. The Proceeding of 14<sup>th</sup> International Conference on Thermoplastic Elastomers. November 8-9, 2011. Brussels, Belgium, Oral Presentation.
- **Jantanasakulwong, K.** Kuboyama K, Ougizawa T. 2011. Thermoplastic Elastomer by Poly(lactic acid) and Acrylic Rubber Blending with Ionomer Interfacial Compatibilizer. The Proceeding of 78rd Rubber Science and Technology, May. 2011. Tokyo, Japan, Oral Presentation.
- **Jantanasakulwong, K.** Rohindra D, Kuboyama K, Ougizawa T. 2011. Thermoplastic Elastomer by Reactive Blending of Poly(butylene succinate) with Ethylene-Propylene and Ethylene-Butylene Rubber. 78rd Rubber Science and Technology, May. 2011. Tokyo, Japan, Poster Presentation.
- **Jantanasakulwong, K.** Kuboyama K, Ougizawa T. 2010. Thermoplastic Elastomer by Poly(lactic acid) and Acrylic Rubber Blending with Ionomer Interfacial Compatibilizer. International Student Workshop (MISW) August 5-6, 2010, Tokyo Institute of Technology, Tokyo, Japan, Oral Presentation.
- **Jantanasakulwong, K.** Rohindra D, Kuboyama K, Ougizawa T. 2010. Thermoplastic Elastomer by Reactive Blending of Poly(butylene succinate) with Ethylene-Propylene and Ethylene-Butylene Rubber. 59rd SPSJ Annual Meeting, Vol. 59, No. 2, September. 2010. Hokkaido, Japan, Poster Presentation.
- **Jantanasakulwong, K.** Rohindra D, Kuboyama K, Ougizawa T. 2009. Thermoplastic Elastomer by Reactive Blending of Poly(butylene succinate) with Ethylene-Propylene and Ethylene-Butylene Rubber. AOTULE The Asia-Oceania Top University League on Engineering, December 2-3, 2009. Taipei, Taiwan, Oral Presentation.
- **Jantanasakulwong, K.** Rohindra D, Kuboyama K, Ougizawa T. 2009. Thermoplastic Elastomer by Reactive Blending of Poly(butylene succinate) with Ethylene-Propylene and Ethylene-Butylene Rubber. International Student Workshop (MISW) August 4-5, 2009, Tokyo Institute of Technology, Tokyo, Japan, Oral Presentation.