



ดร. ดาริกา จาอาฮะ

Dr. Darika Jaaoh

Email: darika.j@yru.ac.th

Telephone:

+66-89-465-3695

Education Background:

- Bachelor of Science in Education (Physics) (2004) Prince of Songkla University

- Master of Science (Polymer Physics) (2009) Prince of Songkla University

- Doctor of Philosophy (Physics) (2015) Prince of Songkla University

รางวัลที่ได้รับ

- "First Paper Award" Best Paper Award at the 1st International conference on Advanced Material, Structures and Mechanical Engineering South Korea (2014)

หัวข้องานวิจัย:

- Electrostriction of Polyurethane and Natural Rubber Composites

ทุนวิจัยที่ได้รับ:

- ทุนอุดหนุนการวิจัยบ่มารุงการศึกษา มหาวิทยาลัยราชภัฏยะลา ประจำปีงบประมาณ 2560

ผลงานตีพิมพ์

- Jaaoh, D., Putson, C., and Muensit, N. 2014. Contribution of Electrostriction in Polyurethane/Polyaniline Blends. *Advanced Materials Research*. 1025-1026:697-702.
- Jaaoh, D., Putson, C., and Muensit, N. 2013. Electrostriction of Natural Rubber Latex/Carbon Black Nanocomposites. *Advanced Materials Research*. 844:259-262.
- Jaaoh, D., Putson, C., and Muensit, N. 2015. Deformation on segment-structure of electrostrictive polyurethane/polyaniline blends. *Polymer*. 61:123-130.
- Jaaoh, D., Putson, C., Muensit, N. 2016. Enhanced strain response and energy harvesting capabilities of electrostrictive polyurethane composites filled with conducting polyaniline. *Composites Science and Technology*. 122:97-103.
- Putson, C., Jaaoh, D., Meauma, N., and Muensit, N. 2012. Effect of Micro- and Nano- Particle Fillers at Low Percolation Threshold on the Dielectric and Mechanical Properties of Polyurethane/Copper Composites. *Journal of Inorganic and Organometallic Polymers and Materials*. 22(6):1300-1307.
- Putson, C., Jaaoh, D., and Muensit, N. 2013. Interface Polarization Effect on Dielectric and Electrical Properties of Polyurethane (PU) /Polyaniline (PANI) Polymer Composites. *Advanced Materials Research*. 770(9):275-278.
- Putson, C., Jaaoh, D., and Muensit, N. 2013. Compliant Natural Rubber Latex Electrodes for Electrostrictive Polyurethane Actuation. *Advanced Materials Research*. 844(11):433-436.
- Putson, C., Jaaoh, D., and Muensit, N. 2016. Large electromechanical strain at low electric field of modified Polyurethane composites for flexible actuators. *Materials Letters*. 172:27-31.

ผลงานวิจัยที่นำเสนอในที่ประชุมวิชาการ

- Jaaoh, D., Putson, C., and Muensit, N. 2014. Contribution of Electrostriction in Polyurethane/Polyaniline Blends. The 2014 1st International Conference on Advanced Materials, Structures and Mechanical Engineering (ICAMSME 2014). Conference Centre, Incheon National University, Incheon, Korea.
- Jaaoh, D., Putson, C., and Muensit, N. 2013. Electrostriction of Natural Rubber Latex/Carbon Black Nanocomposites. The 1st Asia

Pacific Rubber Conference 2013 (APRC 2013) .Surathani, Thailand.