

**1. Name** Parkpoom Sriromreun, Ph.D, Assoc.

**2. Contact** Mechanical Engineering Department  
Srinakharinwirot University,  
Nakornayok 26120, Thailand



Fax: 66-37-322-608,

Tel: 66-2-649-5000 ext.22069, 22077

Mobile:66-8-1296-8748

**E-mail** [E-mail: prakpum@g.swu.ac.th](mailto:prakpum@g.swu.ac.th)

### 3. Educations

**2012: Ph.D.** – Mechanical Engineering

King Mongkut's Institute of Technology Ladkrabang, Thailand

**2002: M.Eng.** – Mechanical Engineering

King Mongkut's University of Technology Thonburi, Thailand

**1997: B.Sc.** – B.Eng. - Mechanical Engineering

Srinakharinwirot University, Thailand

### 4. Working Experiences

2002-Present: Instructor

Mechanical Engineering Department, Srinakharinwirot University, Thailand

### 5. Research Interests

Heat transfer, Fluid mechanics, CFD, Energy Audits, Internet of Things (IoT)

### 6. Laboratory

Fluid Mechanical Laboratory, Mechanical Engineering Department, Srinakharinwirot University

## 7. Others

### PUBLICATIONS

1. **Sriomreun Park.** And Sriomreun Para., 2022, "OPTIMUM DESIGN OF A PARA RUBBER-TAPPING MACHINE", Journal of Engineering Science and Technology, Vol. 17, Issue 5, pp. 3424–3432.
2. Mora, P., Nunwong, C., **Sriomreun, P.**, Kaewsriprom, P., Srisorrachatr, U., Rimdusit, S., and Jubsilp, C., 2022, "High Performance Composites Based on Highly Filled Glass Fiber-Reinforced Polybenzoxazine for Post Application", Polymers, Vol. 14, Issue 20, 4321.
3. Kaewpun Y., **Sriomreun P.** and Kansuwan P., 2021, "Effect of Pitting on the Yield Strength and Elastic Modulus for Assessment and Redesign", Journal of Failure Analysis and Prevention, Vol. 21, Issue 5, pp. 1582-1589.
4. **Sriomreun Park.** and Sriomreun Para., 2020, "An optimum design for air filter housing-louver: Enhancing filter life-time", Case Studies in Thermal Engineering, Vol. 21, 100701.
5. **Sriomreun Park.** and Sriomreun Para., 2019, "A Numerical and Experimental Investigation of Dimple Effects on Heat Transfer Enhancement with Impinging Jets", Energies, Vol. 12, Issue 5, 813.
6. **Sriomreun P.** and Sriomreun Paranee, Experimental and Numerical Studies of Heat Transfer Characteristics for Impinging Jet on Dimple Surfaces, Chemical Engineering Transactions, 70, 1273-1278, 2018.
7. Sriomreun Paranee and **Sriomreun P.**, Numerical Study on Heat Transfer Enhancement in a Rectangular Duct with V-Shaped Ribs, Chemical Engineering Transactions, 70, 1285-1290, 2018.
8. **Sriomreun, P.** and Sriomreun, Paranee, Numerical Study on Heat Transfer Enhancement in a Rectangular Duct with Incline Shaped Baffles, Chemical Engineering Transactions, Vol. 57, 2017.
9. **Sriomreun, P.** and Napon, P., Numerical and experimental study on the heat transfer characteristics of the micro-channel heat sinks with longitudinal fins array, International Journal of Applied Engineering Research, 10 : 37421-37427, 2015.
10. **Sriomreun, P.**, Thianpong, C. and Promvongse, P. Experimental and numerical study on heat transfer enhancement in a channel with Z-shaped baffles, *International Communications in Heat and Mass Transfer*. 39 : 945-952, 2012.
11. Napon, P. and **Sriomreun, P.**, Single-Phase Heat Transfer and Pressure Drop in the Micro-fin Tubes with Coiled Wire Insert, *International Communications Heat Mass Transfer*, 2005.

### PROCEEDINGS

#### International Conferences

1. **Sriomreun, P.** and Sriomreun, Paranee, Numerical study on heat transfer and fluid flow characteristics cylinder discrete multiple v-rib with combined staggered rib, International

Conference on Engineering and Natural Science (ICENS 2018) 31 January – 1 February 2018, Sapporo, Japan.

2. **Sriromreun, P.** and Kaewluan, S., Increasing Thermal Efficiency for hot air generator using biomass gas stove for drying process with change direction of hot air, Annual Conference on Engineering and Information Technology. 29-31, March, 2016 Kyoto, Japan
3. **Sriromreun, P.** and Kaewluan, S., Heat transfer augmentation in rectangular duct with different angle of inclined shaped ribs set, *Annual Conference on Engineering and Technology (ACEAT 2014)* 15-17 October 2014, Osaka, Japan.
4. Thirdthai, K., Theewin, P., Phochawan, S., and **Sriromreun, P.** Heat Transfer Characteristics Impinging Jet on Dimple Surface, *International Conference on Engineering and Applied Science (2013 ICEAS)* 15-17 March 2013, Tokyo, Japan.
5. **Sriromreun, P.** and Promvong, P., Heat transfer augmentation in rectangular duct with different arrangements of 45° Z-shaped baffles, *International Symposium on Technology for Sustainability (ISTS2012)*, 27–28 January 2012, KMITL, Bangkok, Thailand.
6. Pimsarn, M., **Sriromreun, P.** and Promvong, P., Augmented Heat Transfer in Rectangular Duct with Angled Z-Shaped Ribs, *International Conference on Energy and Sustainable Development (ESD2010)*, 2-4 June 2010, The Empress Hotel, Chiang Mai, Thailand.
7. **Sriromreun, P.** and Promvong, P., Heat Transfer Augmentation in a Rectangular Duct with Z-Shaped Ribs, *International Conference on Green and Sustainable Innovation (ICGSI2009)*, 2–4 December 2009, Le Meridien Chiang Rai, Chaing Rai, Thailand.
8. **Sriromreun, P.**, Promvong, P. and Kraipech Evans, W., Design of manifold passages in a plate-fin microdevice with steps using CFD, *International Conference on Engineering, Applied Sciences, and Technology (ICEAST2007)*, 21-23 November 2007, Swiss Hotel Le Concorde, Bangkok, Thailand.
9. Napon, P. and **Sriromreun, P.**, Analysis of Heat Transfer Characteristics of Annular Fin under Partially Wet Surface Conditions, *4th International Conference on Heat Transfer, Fluid Mechanics and Thermodynamics (HEFAT)*, 19-22 September 2005, Cairo, Egypt.