CURRICULUM VITAE

Dr. Syamimi Saadon
Department of Aerospace,
Faculty of Engineering,
Universiti Putra Malaysia,
43400 UPM Serdang, Selangor

T: 03-8946 4930
F: 03-8656 7125

Education

1. PhD in Energy and Thermal, 2015, National Institut of Application Science Lyon, France
2. Master Degree (Diplome d'Ingenieur) Energy Engineering and Propulsion, 2010, National Institut of Application Science Rouen, France

Areas of Interest

1. Thermofluid & Heat Transfer
2. Energy
3. Gas Turbine Propulsion

Profesional Qualification/Membership/Affiliation

1. Member, France Alumni (Campus France), 2015 to date

Appointments

Position	Duration
1. Senior Lecturer, Department of Aerospace Engineering, Faculty of Engineering, UPM	August 2015 to date
2. Head of Promotion Committee for Aerotech VI	November 2015 to November 2016
3. Secretary for Master of Aerospace Engineering Committee Members	August 2015 – August 2017
4. Multimedia & ICT Committee Members	16 August 2015 to date
5. Escort VIPs for 39th UPM Convocation	31 October 2015
6. Tutor, Department of Aerospace Engineering, Faculty of Engineering,UPM	July 2011 – August 2015

Publications

Journals (30 recent journals)

1. **S. Saadon**, A.R. Abu Talib. An analytical study on the performance of the Organic Rankine cycle for turbofan engine exhaust heat recovery, IOP Conference Series: Materials Science and Engineering, **2016**. *(Scopus Indexed) - In press*
2. I. Mohammed, A.R. Abu Talib, M.T.H. Sultan, **S. Saadon**. Temperature and heat flux measurement techniques for aero-engine fire test: a review, IOP Conference Series: Materials Science and Engineering, **2016**. *(Scopus Indexed) - In press*
3. **S. Saadon**, L. Gaillard, S. Giroux, C. Menezo. Simulation study of a naturally ventilated building integrated photovoltaic-thermal (BIPV/T) envelope, *Renewable Energy*, Vol. 87, pp. 517-531, **2016**. (**JCR Q1, Impact Factor 3.404**)
4. **S. Saadon**, L. Gaillard, S. Giroux, C. Menezo. Simulation study of a naturally ventilated building integrated photovoltaic (BIPV) envelope, *Energy Procedia*, Vol. 78, pp. 2004-2009, **2015**. *(Scopus Indexed)*
5. L. Gaillard, G, Ruedin, S. Giroux, M. Plantevit, M. Kaytoue, **S. Saadon**, C. Menezo, J. Boulicaut. Data-driven performance evaluation of ventilated photovoltaic double-skin facades in the built environment, *Energy Procedia*, Vol. 78, pp. 447-452, **2015**. *(Scopus Indexed)*

Conference Proceedings (30 recent Conference Proceedings)

1. **S. Saadon**, L. Gaillard, S. Giroux, C. Menezo. Modélisation et simulation thermique d'un bâtiment équipé d'une façade double-peau photovoltaïque naturellement ventilée, Congres Francais de

Thermique, **2015**.

2. **S. Saadon**, L. Gaillard, S. Giroux, C. Menezo. Etude de simulation d'une enveloppe photovoltaïque intégrée au bâtiment (PVIB) naturellement ventilée, XII ème Colloque Interuniversitaire Franco-Québécois sur la Thermique des Systèmes - CIFQ 2015, June **2015**, Sherbrooke, Québec, Canada.
3. **S. Saadon**, L. Gaillard, C. Menezo. Modélisation et simulation thermique d'un bâtiment équipé d'une façade photovoltaïque ventilée, 3ème Colloque International Francophone d'Energétique et de Mécanique-CIFEM, **2014**.
4. **S. Saadon,** L. Gaillard, C. Menezo. Modélisation et simulation thermique d'un bâtiment équipé d'une façade photovoltaïque ventilée, Congres Francais de Thermique, **2014**.
5. **S. Saadon,** C. Menezo. Study of a naturally-ventilated building integrated photovoltaic envelope, International Conference on Clean Technology for Smart Cities and Buildings from nano to urban scale - CISBAT, Sep **2013**, Lausanne, Switzerland.
6. **S. Saadon,** L. Gaillard, C. Menezo. Modelling of a Ventilated PV Double-Skin Façade, CLIMA 2013 Congress, June **2013**, Prague, Czech Republic.
7. **S. Saadon,** L. Gaillard, S. Giroux, H. Pabiou, C. Menezo. Modélisation d'une double-peau photovoltaïque ventilé, Congres Francais de Thermique, **2013**.
8. **S. Saadon,** L. Gaillard, C. Menezo, S. Giroux, H. Pabiou. Modélisation d'un composant d'enveloppe solaire ventilé, XI ème Colloque Interuniversitaire Franco-Québécois sur la Thermique des Systèmes - CIFQ 2013, June **2013**, Reims, France.

Research Grants

No	Project Title	Amount (RM)	Year	Source of Fund
1	Thermodynamic and economic performance optimization of an organic Rankine cycle system using exhaust heat of a jet engine core (Project Leader)	50,000	Oct 2016 – Sept 2018	Putra Grant - IPM

Student Supervision

MSc with thesis (Main Supervisor)

No.	Name	Title	Status
1.	Nur Athirah Mohd Nasir	Thermodynamic analysis of an organic Rankine cycle system using exhaust heat of a jet engine core	On-going

Bachelor (Main Supervisor)

No.	Name	Title	Status
1.	Norimah Binti Zakaria	Analytical Model of Shock Wave Structure in Over Expanded Supersonic Flow	Graduated 2016
2.	Nur Hazwani Binti Isham	Modelling of Organic Rankine Cycle with a Turbofan Engine for Exhaust Heat Recovery	On-going
3.	Muhamad Syukri Bin Mohd Redzuan	Energy and Exergy Analysis of Organic Rankine Cycle Integrated with Turbofan Engine	On-going

PhD (Co-Supervisor)

No.	Name	Title	Status
1.	Ibrahim Mohammed	Burn-Through Time Responses of Fireproof and Fire Resistant Materials for Aero-engine Application	On-going

MSc with thesis (Co-Supervisor)

No.	Name	Title	Status
1.	Agustinnie Tukimin	CFD Analysis of Flow Through Venturi Tube and Its Discharge Coefficient	On-going

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	Teaching Experiences		
No.	**Course**	**Course code**	**Semester**
1.	Air Breathing Engine	EAS 4501	2015/2016
2.	Aerothermodynamics	EAS 3511	2015/2016
3.	Aerospace Laboratory III	EAS 3293	2015/2016
4.	Propulsion	EAS 3503	2016/2017

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