

## السيرة الذاتية

<b>١. المعلومات الشخصية</b>	
خالد مصطفى رمضان	الاسم
اردني	الجنسية
e-mail: rkhalid@mutah.edu.jo Phone: (+962) 3 2372380	معلومات الاتصال

<b>٢. المؤهلات العلمية</b>				
<b>التخصص</b>	<b>الدولة</b>	<b>السنة</b>	<b>الجامعة</b>	
هندسة ميكانيكية	الاردن	1986	اليرموك	البكالوريوس
هندسة ميكانيكية	الاردن	1989	العلوم والتكنولوجيا	الماجستير
هندسة ميكانيكية	امريكا	2002	ايوا	الدكتوراه

<b>٣. الاهتمامات البحثية والتدريسية</b>	
Micro-Scale Heat Transfer, Microfluidics, Transient Convection.	
Heat Transfer, Fluid Mechanics, Thermodynamics, Energy Conversion, Combustion, Engineering Mathematics, Numerical Analysis.	

<b>٤. المنشورات</b>	
أ. الكتب	

<b>ب. الابحاث</b>				
<b>الصفحات</b>	<b>تاريخ النشر</b>	<b>العدد والمجلد</b>	<b>المجلة</b>	<b>العنوان</b>
1-11 Paper No. 011701	2016	138	<b>ASME Journal of Heat Transfer  ASME</b>	<b>K. Ramadan, "</b> The Role of the Shear Work in Microtube Convective Heat Transfer: A Comparative

				Study"
1-11	2015	32	<b>Journal of Mechanics</b>  <b>Cambridge University Press</b>	<b>K. Ramadan,</b> I. Tlili, "A Numerical Study of the Extended Graetz Problem in a Microchannel with a Constant Wall Heat Flux: Shear Work Effects on Heat Transfer
1-12	2015	229	<b>Proc IMechE Part C:J Mechanical Engineering Science</b>  <b>SAGE</b>	<b>K. Ramadan,</b> Iskander Tlili, " Shear Work, Viscous Dissipation and Axial Conduction Effects on Microchannel Heat Transfer with a Constant Wall Temperature"
2765 – 2777	2014	228(15)	<b>Proc IMechE Part C:J Mechanical Engineering Science</b>  <b>SAGE</b>	<b>K.Ramadan,</b> "Slip Effects on Steady and Transient Stagnation-Point Heat Transfer in Axisymmetric Geometries"
79-90	2015	31(1)	<b>Journal of Mechanics</b>  <b>Cambridge University Press</b>	<b>K. Ramadan,</b> "A Numerical Study of Impulsively Started External Convection at Microscale
2355-2364	2011	50(12)	<b>International Journal of Thermal Sciences</b>  <b>Elsevier</b>	<b>K. Ramadan,</b> M. A. Al-Nimr, "On Impulsively Started Convection: The Case of Stagnation Point Flow"
Paper No. (111301).	2009	131(11)	<b>ASME Journal</b>	<b>K. Ramadan,</b> W. R. Tyfour,

			<b>of Heat Transfer</b>  <b>ASME</b>	M. A. Al-Nimr, "On the Analysis of Short-Pulse Laser Heating of Metals Using the Dual Phase Lag Heat Conduction Model,"
1718-1727	2009	Vol. 48	<b>International Journal of Thermal Sciences</b>  <b>Elsevier</b>	<b>K. Ramadan,</b> M. A. Al-Nimr, "Analysis of Transient Heat Transfer in Multilayer Thin Films with Nonlinear Thermal Boundary Resistance"
14-25	2009	48	<b>International Journal of Thermal Sciences</b>  <b>Elsevier</b>	<b>K. Ramadan,</b> "Semi-Analytical Solutions for the Dual Phase Lag Heat Conduction in Multilayered Media"
677-687	2009	30(8)	<b>Heat Transfer Engineering</b>  <b>Taylor &amp; Francis</b>	<b>K. Ramadan,</b> M. A. Al-Nimr, "Thermal Wave Reflection and Transmission in a Multilayer Slab with Imperfect Contact Using the Dual-Phase-Lag Model"
Paper No. 074501	2008	130 (7)	<b>ASME Journal of Heat Transfer</b>  <b>ASME</b>	<b>K. Ramadan,</b> M. A. Al-Nimr, "Analysis of the Thermal Behavior of a Multilayer Slab with Imperfect Contact Using the Dual Phase Lag Heat

				Conduction Model"
1177-1182	2008	35	<b>International Communications in Heat and Mass Transfer</b>  <b>Elsevier</b>	<b>K. Ramadan,</b> "Treatment of the Interfacial Temperature Jump Condition with Non-Fourier Heat Conduction Effects"
239-247	2004	Vol. 13, No. 2	<b>Journal of Thermal Spray Technology</b>  <b>Springer</b>	<b>K. Ramadan,</b> P. B. Butler, "Analysis of Gas Phase Evolution and Shock Wave Decay in Detonation Thermal Spraying Systems"
248-257	2004	Vol. 13, No. 2	<b>Journal of Thermal Spray Technology</b>  <b>Springer</b>	<b>K. Ramadan,</b> P. B. Butler, "Analysis of Particle Dynamics and Heat Transfer in Detonation Thermal Spraying"
1649-1677.	2003		<b>Combustion Science and Technology</b>  <b>Taylor &amp; Francis</b>	<b>K. Ramadan,</b> P. B. Butler, "A Two-dimensional Axisymmetric Flow Model for the Analysis of Pulsed Detonation Thermal Spraying"
	1994		<b>Encyclopedia of Fluid Mechanics - Advances in Flow Dynamics</b>  Gulf Publishing Company	T.W. Abuarab, T. K. Al Dos, <b>K. Ramadan,</b> "Solutions for the Problem of a Developing Free Convection Flow Over a Flat Vertical Surface"
66-97	1990			<b>K. Ramadan,</b>

			<b>Journal of Heat &amp; Technology</b>	T.W. Abuarab, M. A. Issa, "Towards Further Development of the Analytical Solution Methods of Flow Equations"
115-119	1989		<b>International Journal of Applied Engineering Education</b>	M. A. Issa, <b>K. Ramadan</b> , "Design and Performance of a Supersonic Nozzle", , Hamburg - Germany

٥. براءات الاختراع				