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STAFF HANDBOOK

Name	Imam Solekhudin, Ph.D.		
Post	Numerical Method (Boundary Element Method)		
Academic Career		Institution	Year
	Initial Academic Appointment	Universitas Gadjah Mada	2000
	Post Doctoral	-	-
	Doctoral Degree	Nanyang Technological University, Singapore	2013
	Master Degree	Universitas Gadjah Mada, Indonesia	2004
	Undergraduate Degree	Universitas Gadjah Mada, Indonesia	1999
Employment		Employer	Period
	Prospective Employee	Universitas Gadjah Mada	01-12-2002 – 26-10-2004
	Instructor	Universitas Gadjah Mada	01-11-2004 – 21-02-2006
	Assistant Professor	Universitas Gadjah Mada	01-03-2006 – present
	Associate Professor		
	Full Professor		
Research and development projects over the last 5 years	<i>Name Project : Numerical Methods for Infiltration from Periodic Irrigation Channels with Absorption by Plant Roots</i> <i>Period : 2016 – 2018</i> <i>Amount of Financing : IDR 600.000.000</i>		
Industry collaborations over the last 5 years	Project title : Partners:		
Patents and proprietary rights		Title	Year

<p>Important publications over the last 5 years</p>	<p>Selected recent publications form a total of approx.: 9</p>		
	<p>Imam Solekhuin, Keng-Cheng Ang, A Laplace transform DRBEM with a predictor-corrector scheme for time-dependent infiltration from periodic channels with root-water uptake, <i>Engineering Analysis with Boundary Elements</i>, 50 (2015) 141-147 (Elsevier).</p>		
	<p>Imam Solekhuin, A Numerical Method for Water Absorption by Plant Roots, 1st ISIM-MED conference proceedings, CP-111 – CP-118 (2015).</p>		
	<p>Imam Solekhuin, Metode Elemen Batas untuk Menyelesaikan Masalah Perpindahan Panas (A Boundary Element Method for Heat Conduction), <i>Proceedings of KNM XII</i> (2014).</p>		
	<p>Imam Solekhuin, Keng-Cheng Ang, A Dual Reciprocity Boundary Element Method for Steady Infiltration Problems, <i>Australia and New Zealand Industrial and Applied Mathematics Journal</i>, 53 (2013) 171 – 180 (Cambridge University Press).</p>		
	<p>Imam Solekhuin, Keng-Cheng Ang, A DRBEM for time-dependent infiltration from periodic irrigation channels in a homogeneous soil, <i>Electronic Journal of Boundary Elements</i>, 11 (2013) 1 – 12.</p>		
	<p>Imam Solekhuin, Keng-Cheng Ang, A DRBEM with a predictor-corrector scheme for steady infiltration from periodic channels with root-water uptake, <i>Engineering Analysis with Boundary Elements</i>, 36 (2012) 1199-1204 (Elsevier).</p>		
	<p>Imam Solekhuin, Keng-Cheng Ang, Suction potential and Water Absorption from periodic channels in different types of homogeneous soils, <i>Electronic Journal of Boundary Elements</i>, 10 (2012) 42 – 55.</p>		
<p>Activities in specialist bodies over the last 5 years <i>(Membership without a specific role need not be mentioned)</i></p>	<p>Organization</p>	<p>Role</p>	<p>Period</p>