

Name	Andi Idhil Ismail, S.T., M.Sc., Ph.D		
Position	Assistant Professor		
Academic Career	Initial academic appointment	Institution	Year
	Assistant Professor	Kalimantan Institute of Technology	2017
	Habilitation [German post-doctoral qualification] (subject)	Institution	Year
	Doctorate (subject)	Institution	Year
		École Polytechnique Fédérale de Lausanne	2009-2013
	Postgraduate (subject)	Institution	Year
	Material Science and Engineering	University of Turin	2007-2008
Undergraduate degree (subject)	Institution	Year	
Mechanical Engineering	Brawijaya University	1997-2003	
Employment	Position	Employer	Period
	Assistant Professor	Kalimantan Institute of Technology	2017-now
Research and development projects over the last 5 years	Name of project or research focus	Materials for sustainable transportation system	
	Period and any other information	2018-2021	
	Partners, if applicable		
	Amount of financing		
	Name of project or research focus	Optimization criteria of titanium alloys to improve their machinability	
	Period and any other information	2014-2017	
Industry collaborations over the last 5 years	Project title	Cracker Dough Enumeration Machine With Plural Knife and Thickness arrangements	
	Partners		
Patents and proprietary rights	Title	Year	
	-	-	
Important publications over the last 5 years	Selected recent publications from a total of approx. (give total number):	6	
	Author(s)	Christophe Ramirez, Andi Idhil Ismail , Christine Gendarme, Moukrane Dehmas, Elisabeth Aebly-Gautier, Gérard Poulachon, Frédéric Rossi	
	Title	Understanding the diffusion wear mechanisms of WC-10% Co carbide tools during dry machining of titanium alloys	
	Any other information	Indexed in Scopus	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Journal Wear Vol 390 - 391, pp. 61 -70, 2017	
	Author(s)	Andi Idhil Ismail , Ridwan Haliq, M Jamil	
	Title	The study of crystallization of Mg-based bulk metallic glass (BMG)	
	Any other information	Indexed in Scopus	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	IOP Conference Series: Materials Science and Engineering Vol 494 Issue 1, 2019	
	Author(s)	Andi Idhil Ismail , Rasidah Rasidah, Ridhwan Haliq	
	Title	Pengaruh Massa Filler-Matriks terhadap Sifat Mekanik dan Daya Serap Air pada Komposit Cangkang Biji Karet	
	Any other information	indexed in SINTA	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Jurnal Rekayasa Mesin Vol. 12 Issue 2 , pp 297 - 304, 2021	
	Author(s)	Andi Idhil Ismail , Moukrane Dehmas, Elisabeth Aebly-Gautier, Benoit Appolaire	
	Title	In situ monitoring of phase transformation kinetics under rapid heating of Ti-6Al-4V titanium alloy	
	Any other information	Indexed in Scopus	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Journal of Materials Research and Technology Vol. 17, pp 2518-2527, 2022	
	Author(s)	Barokatun Hasanah, Firilia Filiana, Andi Idhil Ismail , Achmad Munir, Dina Herdiana	
Title	Implementation of Circular Waveguide Band Pass Filter using Artificial Dielectric Resonator for Transverse Electric Propagation Mode		
Any other information	Indexed in Scopus		
Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	2021 IEEE Asia Pacific Conference on Wireless and Mobile (APWiMob), pp 95 - 98, 2021		
Author(s)	Andi Idhil Ismail , Gusti Umindya Nur Tajalla		
Title	Machining Simulation of Ti-6Al-4V Alloy Using Finite Element Method (FEM)		
Any other information	Indexed in Scopus		
Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	2019 6th International Conference on Electric Vehicular Technology (ICEVT), pp 119 - 123, 2019		
Activities in specialist bodies over the last 5 years	Organization	Role	Periode