










## LEMBAR PENGESAHAN HASIL VALIDASI KARYA ILMIAH

Yang bertanda tangan dibawah ini saya **Dr. Chastine Fatichah, S.Kom., M.Kom.**, dengan bidang keahlian Image Processing, Computer Graphics, Computer Vision, *peer reviewer* menyatakan dengan sebenar-benarnya bahwa karya ilmiah yang tersebut dibawah ini yang diajukan untuk kenaikan jabatan akademik/fungsional ke jenjang **Lektor Kepala** atas nama **Dr. Indah Agustien Siradjuddin, S.Kom., M.Kom.** Dosen **Fakultas Teknik Universitas Trunojoyo Madura (UTM)**, telah diperiksa/divalidasi dan hasilnya telah memenuhi kaidah ilmiah, norma akademik, dan norma hukum sesuai dengan Peraturan Menteri Pendidikan Nasional Nomor 17 Tahun 2010 tentang Pencegahan dan Penanggulangan Plagiat di Perguruan Tinggi.

### Daftar Karya Ilmiah yang Diajukan Untuk Kenaikan Jabatan Fungsional Lektor Kepala

No	Jenis dan Judul Karya Ilmiah	DOI	Tanda Tangan (Paraf) Validasi	Keterangan
<b>MAKALAH TERMUAT DALAM JURNAL INTERNASIONAL TERINDEKS DI SCOPUS</b>				
1	Indah Agustien Siradjuddin, M. Rahmat Widyanto, T. Basaruddin, Telkomnika (Telecommunication Computing Electronics and Control), E-ISSN: 2087-278X, Vol 10, No.6, Hal. 1453-1457, 1 Oktober 2012: Particle Filter with Gaussian Weighting for Human Tracking	10.12928/TELKOMNIKA.v10i4.538		Index : Scopus H-Index: 8, Qualitas: Q3, SJR: 0.205
2	Arif Muntasa, Indah Agustien Sirajudin, Mochammad Kautsar Sophan, Telkomnika (Telecommunication Computing Electronics and Control), E-ISSN: 2087-278X, Vol 12, No. 3, Hal. 631-638, 1 September 2014: Matrix Mask Overlapping, and Convolution Eight Directions for Blood Vessel Segmentation on Fundus Retinal Image	<a href="https://dx.doi.org/10.12928/TELKOMNIKA.v12i3.97">https://dx.doi.org/10.12928/TELKOMNIKA.v12i3.97</a>		Index : Scopus H-Index: 8, Kualitas Q3, SJR: 0.236
3	Rima Triwahyuningrum, Indah Agustien Siradjuddin, Yonathan Fery Hendrawan, Arik Kurniawati, Ari Kusumaningsih, Telkomnika (Telecommunication Computing Electronics and Control), E-ISSN: 2087-278X, Vol 13, No. 4, Hal. 1446-1455, 1 Desember 2015: Double Difference Motion Detection and Its Application for Madura Batik Virtual Fitting Room	<a href="https://dx.doi.org/10.12928/TELKOMNIKA.v13i4.2236">https://dx.doi.org/10.12928/TELKOMNIKA.v13i4.2236</a>		Index: scopus, H-Index: 8, Kualitas Q3, SJR: 0.211.
4	Rima Tri Wahyuningrum, Indah Agustien Siradjuddin, Journal of Theoretical and Applied Information Technology, ISSN: 1992-8645, E-ISSN: 1817-3195, Vol. 81, No. 2, Vol 81, NO. 2, 20 November 2015, Hal. 349-354 : An Efficient Batik Image Retrieval System Based On Color And Texture Features			Index :scopus, H-Index: 12, Kualitas Q4, SJR: 0.171
5	Indrazno Siradjuddin, Indah Agustien Siradjuddin, and Supriatna Adhisuwignjo, International Journal of Mechanical & Mechatronics Engineering, ISSN/E-ISSN: 22272771, 2077124X, Vol. 15, No. 6, 1 Desember 2015, Hal. 100-107 : An Image Based Visual Control Law for a Differential Drive Mobile Robot			Index: Scopus, H-Index: 7, Qualitas Q4, SJR: 0.138
6	Arif Muntasa, Indah Agustien Siradjuddin, Rima Tri Wahyuningrum, Telkomnika (Telecommunication Computing Electronics and Control), E-ISSN: 2087-278X, Vol 14, No 3, 1 September 2016, Hal, 1113-1122 : Multi-Criteria in Discriminant Analysis to Find the Dominant Features	10.12928/TELKOMNIKA.v14i3.3472		Index: scopus, H-Index:8, Qualitas Q3, SJR: 0.211

MAKALAH TERMUAT DALAM JURNAL INTERNASIONAL TIDAK TERINDEKS DI SCOPUS			
1	Arif Muntasa, Indah Agustien Sirajuddin, Moch Kautsar Sophan, International Journal of Advancements in Computing Technology, : Region based Segmentation using Morphological Mathematics and Laplacian of Gaussian to Automatically Detect Retinal Blood Vessel Image		Christuf Index : globalCIS DL
MAKALAH TERMUAT DALAM JURNAL NASIONAL TERINDEKS DOAJ			
1	Kurniawan, Indah Agustien Siradjuddin, Arif Muntasa, Jurnal Informatika, ISSN/E-ISSN: 1411-0105, Vol 13, No. 1, 1 Mei 2015, Hal. 9-14 : Keamanan Citra Dengan Watermarking Menggunakan Pengembangan Algoritma Least Significant Bit	10.9744/informatika.13.1.9-14	Christuf Index: DOAJ
MAKALAH TERMUAT DALAM PROSIDING SEMINAR INTERNASIONAL TERINDEX DI SCOPUS			
1	Indrazno Siradjuddin, Tundung Subali P., Indah Agustien S., Supriyatna Adhisuwignjo, 2015 IEEE International Symposium on Robotics and Intelligent Sensors (IRIS), E-ISSN: 978-1-4673-7124-7, 18-20 OCTOBER 2015, Hal. 186-192 : A real-time Model Based Visual Servoing application for a differential drive mobile robot using Beaglebone Black embedded system	10.1109/IRIS.2015.7451609	Christuf Index:Scopus
2	Arif Muntasa, Indah Agustien Siradjuddin, and Mochamad Kautsar Sophan, 2015 International Conference on Information Technology Systems and Innovation, ISSN/E-ISSN: 1936-6612/1936-7317, November 16 – 19, 2015, Bandung – Bali, Indonesia, Hal. A-18 : Modeling of the pixel based segmentation to detect Nerve Optic Head on the retinal image	10.1109/ICITSI.2015.7437690	Christuf Index : Scopus
3	Arif Muntasa, Indah Agustien Siradjuddin, Rima Tri Wahyuningrum, 2016 International Seminar on Intelligent Technology and Its Application (ISITIA), ISBN : 978-1-5090-1708-9, Lombok, Indonesia 28-30 July 2016, Hal. 135-138: Three-Directional of the 1D-Diagonal Fisherface Modeling based Feature Extraction	10.1109/ISITIA.2016.7828647	Christuf Index:Scopus
4	Indah Agustien Siradjuddin, Rivaldi Septasurya, M. Kautsar Sophan, Noor Ifada, Arif Muntasa, 2017 International Conference on Sustainable Information Engineering and Technology (SIET), ISBN : 978-1-5386-2182-0, Malang, Indonesia, 24-25 November 2017, Hal. 230-234 : Feature Selection with Genetic Algorithm for Alcoholic detection using Electroencephalogram	10.1109/SIET.2017.8304140	Christuf Index : Scopus
	Indah Agustien Siradjuddin, Helmi Agil Achmani, Arif Muntasa, 2018 The International Conference on Computer Engineering, Network, and Intelligent Multimedia, ISBN : 978-1-5386-7508-3, Hal. 191-195 : Adaptive Boosting Classifier for Pedestrian Attributes Identification with Color and Texture Features		Christuf Index : Scopus
MAKALAH TERMUAT DALAM PROSIDING SEMINAR INTERNASIONAL TIDAK TERINDEX DI SCOPUS			
1	Indah Agustien Siradjuddin, Fathor Rosyid, Rima Tri Wahyuningrum, Rahmat Widyanto, The 3rd International Workshop on Soft Computing and Disaster Control Bali, International Workshop, November 9-10, 2013. Bali, Hal. 68-71: Fuzzy Inference System for Disaster Image Classification Based on The Complexity of the Image		Christuf

2	Firli Irhamni, Indah Agustien Siradjuddin, Arik Kurniawati, Ari Kusumaningsih, Rima Triwahyuningrum, International Seminar on Applied Technology, Science, and Arts (APTECS), Vol 1, 2014, E-ISSN: 2354-6026, Hal. 160-163 : Learning based on Virtual Class using combination of Second Life and Learning Management System			
3	Rima Tri Wahyuningrum, Yonathan Ferry Hendrawan, Indah Agustien Siradjuddin, Arik Kurniawai, Ari Kusumaningsih, Regional Conference on Computer and Information Engineering, International Proceeding, ISBN : 978-602-71396-0-2, 7-8 Oktober 2014, Hal. 116-119 : Frame Differencing Motion Detection for Madura Batik Virtual Fitting Room			
<b>KARYA ILMIAH BERUPA MONOGRAF</b>				
1	Indah Agustien Siradjuddin, Teknosain, 2018, ISBN/E-ISBN : 978-623-7110-00-2 / 978-623-7110-01-9, Kecerdasan Komputasional dan Aplikasinya dengan Menggunakan Python			

Demikian pernyataan ini saya buat dengan sebenar-benarnya untuk dapat dipergunakan sebagaimana mestinya.

Surabaya, 27 Februari 2019

*Peer Reviewer*



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