

## Computational Science and Engineering

Ref. No.	Title	Author	U/C	Address	Participation	Status
<b>CSCEN004</b>	<b><i>H<sub>∞</sub> Fuzzy State-Feedback Control Design for Nonlinear Singularly Perturbed Systems: An LMI Approach</i></b>	Wudhichai Assawinchaichote (1)*, Sing Kiong Nguang (2)	<i>KMUTT, TH Auckland, New Zealand</i>	(1) The Department of Electronic and Telecommunication Engineering King Mongkut's University of Technology Thonburi, 91 Suksawads 48 Rd., Bangkok 10140, Thailand. E-mail: <a href="mailto:a.wudhichai@ieee.org">a.wudhichai@ieee.org</a> (2) The Department of Electrical and Electronic Engineering The University of Auckland Private Bag 92019, Auckland, New Zealand.	Oral	Received
<b>CSCEN005</b>	<b><i>Use of Wavelet Transform for Sizing Particle</i></b>	Siriwat Soontaranon , Joewono Widjaja*	<i>SUT, TH</i>	School of Laser Technology and Photonics, Institute of Science, Suranaree University of Technology, Suranaree, Muang, Nakhon-ratchasima, 30000, Thailand Phone (66-44) 224194, 223305, Fax 224185, E-mail: <a href="mailto:widjaja@ccs.sut.ac.th">widjaja@ccs.sut.ac.th</a>	Oral	Received
<b>CSCEN022</b>	<b><i>Semi-Automatic Road Detection from Satellite Imagery</i></b>	S. Udomhunsakul	<i>KMITL, TH</i>	Faculty of Engineering, Department of Information Engineering, King Mongkut's Institute of Technology Ladkrabang Charongkrung Road, Ladkrabang, Bangkok, 10520, Thailand Phone: 66-2-737-3000 ext: 3064, Fax: 66-2-326-4176 Email: <a href="mailto:sudomhun@hotmail.com">sudomhun@hotmail.com</a>	Oral	Received
<b>CSCEN032</b>	<b><i>Modeling of Global CO<sub>2</sub></i></b>	Nonglak Phetkong (1)*, William E. Schiesser (2)	<i>MTEC, TH Lehigh, USA</i>	(1) The National Metal and Materials Technology Center (MTEC), Thailand (2) Lehigh University, Bethlehem, Pennsylvania USA	Oral	Received
<b>CSCEN043</b>	<b><i>Face Recognition by Using Real-Time Joint Transform Correlator with Compressed Reference Images</i></b>	Joewono Widjaja (1)*, Ubon Suripon (2)	<i>SUT, TH</i>	Institute of Science, Suranaree University of Technology Nakhon Ratchasima 30000, Thailand Email: <a href="mailto:widjaja@ccs.sut.ac.th">widjaja@ccs.sut.ac.th</a>	Oral	Received
<b>CSCEN061</b>	<b><i>Characterization of Adsorbate – Adsorbate Interactions</i></b>	Chayanoot Sangwichien	<i>PSU, TH</i>	Department of Chemical Engineering, Faculty of Engineering, Prince of Songkla University, Hat Yai, Songkla, 90112, Thailand Phone: 66-7428-7055, Fax: 66-7421-2896, E-mail: <a href="mailto:schayano@ratree.psu.ac.th">schayano@ratree.psu.ac.th</a>	Oral	Received
<b>CSCEN062</b>	<b><i>Segmentation of Overlapping Chromosome Images</i></b>	<u>Wacharapong Srisang</u> , Krisanadej Jaroensutasinee*, Mullica Jaroensutasinee	<i>WU, TH</i>	Institute of Science, Computational Science graduate program, Walailak University, Tasala Nakhon Si Thammarat 80160, Thailand (E-mail: <a href="mailto:45203247@wu.ac.th">45203247@wu.ac.th</a> ; <a href="mailto:jkrisana@wu.ac.th">jkrisana@wu.ac.th</a> )	Oral	Received

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CSCEN072	<i>The Characteristics of the Tides at Pak Panang Station, Nakhon Si Thammarat</i>	<u>Kanatawan AUNGSAKUL*</u> , Krisanadej ROENSUTASINEE	WU, TH	Institute of Science, Computational Science graduate program, Walailak University, Thasala, Nakhon Si Thammarat 80160, Thailand (E-mail: 44200020@wu.ac.th, jkrisana@wu.ac.th)	Oral	Received
CSCEN074	<i>Computation of D8 Flow Line for Ron Phibun Area</i>	<u>Ornanong BOONKLONG*</u> , Krisanadej ROENSUTASINEE , Mullica JAROENSUTASINEE	WU, TH	Institute of Science, Computational Science Graduate Program, Walailak University, Tasala, Nakhon Si Thammarat 80160, Thailand (E-mail : 44300044@wu.ac.th; jkrisana@wu.ac.th)	Oral	Received
CSCEN075	<i>Flash Flooding Prediction by GOES-9 Satellite Data</i>	<u>Watcharee Ruairuen*</u> , Krisanadej Jaroensutasinee	WU, TH	Institute of Science, Computational Science Graduate Program, Walailak University, Nakhon Si Thammarat 80160, Thailand. (E-mail : 46203881@wu.ac.th, jkrisana@wu.ac.th)	Oral	Received
CSCEN077	<i>Region-based Feature Extraction for Thai Handwritten Recognition Using Neural Networks</i>	Suchada Akkawasskul and Nuanwan Soonthornphisaj*	KU, TH	Dept. of Computer Science, Faculty of Science, Kasetsart University, Bangkok, Thailand. fscinws@ku.ac.th	Oral	Received
CSCEN081	<i>Watershed from Digital Elevation Model with Deterministic 8</i>	<u>Treechada Tawornmas*</u> , Krisanadej Jaroensutasinee	WU, TH	Complex System Research Unit (CX-KURUE), Computational Science Graduate Program, Institute of Science, Walailak University, Tasala, NakhonSiThammarat 80160 Thailand; email address: jkrisana@wu.ac.th, 44200053@wu.ac.th	Oral	Received
CSCEN098	<i>Visualization of Wind Data</i>	<u>Warabhorn Preechaporn*</u> , Krisanadej Jaroensutasinee	WU, TH	Institute of Science, Computational Science Graduate Program, Walailak University, Thasala, Nakhon Si Thammarat, 80160, Thailand (E-mail : pwarabho@wu.ac.th;jkrisana@wu.ac.th)	Oral	Received
CSCEN119	<i>Touching Thai Typewrittens Segmentation and Restoration</i>	Sarin Watcharabusaracum	NECTEC,TH	National Electronics and Computer Technology Center 112 Phahon YothinRd., Klong 1, Klong Luang,Pathumthani 12120,Thailand sarin.watcharabusaracum@nectec.or.th Tel .(+662)2-564-6900 ext. 2266	Poster	Received
CSCEN125	<i>Adaptive Tabu Search and Its Advance Application</i>	Deacha Puangdownreong, Sudarat Khwan-on, Kongpan Areerak, Thanatchai Kulworawanichpong, Arthit Srikaew, and Sarawut Sujitjorn	SUT,TH	School of Electrical Engineering, Suranaree University of Technology, Thailand.	Oral	Received
CSCEN145	<i>A carpark monitoring system using image segmentation and image retrieval</i>	Kantip Kiratiratanapruk, Supakorn Siddhichai	NECTEC,TH	National Electronics and Computer Technology Center (NECTEC) 112 Phahon Yothin Rd., Klong 1, Klong Luang,	Oral	Received

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<b>CSCEN146</b>	<b><i>A Novel Neuro-Fuzzy Recognition Technique for Thai Handwritten Character Recognition</i></b>	Ithipan Methasate, Sutat Sae-tang	<i>NECTEC, TH</i>	National Electronics and Computer Technology Center (NECTEC) Tel (+662) 564-6300 ext 2264 <a href="mailto:ithipan.methasate@nectec.or.th">ithipan.methasate@nectec.or.th</a>	Oral	Received