

1st TSSCT International Sugar and Sugarcane Conference

July 31 – August 2, 2019 at Dusit Thani Hotel Pattaya, Chonburi, Thailand

TENTATIVE AGENDA

as of July 12, 2019

Wednesday, July 31, 2019

08:00 – 09:00	Registration
09:00 – 09:30	Opening Ceremony <ul style="list-style-type: none">• Conference Briefing by Mr. Kitti Choonhawong, President, Thailand Society of Sugarcane Technologists (TSSCT)• Welcome Speech by Mrs. Worawan Chitaroon, Secretary General, Office of The Cane and Sugar Board (OCSB)• Opening Speech by Mr. Vibul Panitvong, Chairman, Thai Sugar Millers Corporation Limited (TSMC)• Photo Session
Sugarcane Breeding & Pest-Disease Control Session	
09:30 – 10:10	Application of frontier technologies and new concepts for sugarcane variety development and crop improvement, Prof. Dr. Prakash Lakshmanan
10:10 – 10:25	<i>Coffee Break</i>
10:25 – 10:55	Sugarcane White Leaf Disease: Study of The Pathogen Genetic Diversity and Investigation For More Tolerant Varieties, Dr. Laurent Gabriel Soulard
10:55 – 11:25	Bio - Intensive Sugar Cane Production Management, Dr. Sushil Solomon
11:25 – 11:45	Farm Monitoring and Mapping Platform for Sugarcane Using UAS Imagery, Asst. Prof. Khwantri Saengprachatanarug
11:45 – 13:15	<i>Lunch</i>
13:15 – 14:00	Integrated Weed Management in Sugarcane Using Calaris (atrazine/mesotrione 27.5% W/W SC), the Innovation and Technology, Pradith Wongyala, Syngenta Crop Protection Company Limited
14:00 – 14:20	Efficacy hot tetracycline treatment to control sugarcane white leaf disease in Thailand, Asst.Prof. Udomsak Lertsuchatavanich
14:20 – 14:50	Future harvesting techniques from SMKY, Philip Pope, Samart Kasetyon Co., Ltd.
14:50 – 15:20	Role of secondary macronutrients and trace elements on growth development and yield of sugarcane, Roberto Gonzalez, Project Field Co.,Ltd
15:20 – 15:35	<i>Coffee Break</i>
Oral Session	
15:35 – 15:47	Association Analysis of Developed Simple Sequence Repeat (SSR) Markers to Fungal Disease Resistance, John Moises G. Relles
15:47 – 15:59	Induction of resistance against sugarcane mosaic virus using PDR and, RNAi methods in sugarcane, Prof. Bambang Sugiharto
16:11 – 16:23	Does leaf lamina colour affect the behavioral characteristics of Deltocephalus menoni (Hemiptera:Cicadellidae); a vector of Sugarcane White Leaf Disease?, K.M.G. Chanchala
16:23 – 16:35	Molecular Detection of the Presence of Sugarcane Yellow Leaf Disease Phytoplasma and its Phylogenetic Relationship to White Leaf Disease Phytoplasma in Sri Lanka, A N W S Thushari
16:35 – 16:47	Effect of plant extract on germination and growth of Digitaria ciliaris in sugarcane field, Lawan Kladsuwan

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16:47 – 16:59	Alternative Methods to Screening White Leaf Disease of Sugarcane, <i>Chirawat Prasitsom</i>
16:59 – 17:11	Proteomics biosynthesis of sugar-related markers as a selection tool in sugarcane breeding program at Mitr Phol, <i>Prapat Punpee</i>

Thursday, August 1, 2019

Sugar Factory Processing	
09:00 – 09:20	Back to Basics Your Guide to Sugar Refining Excellence – <i>EM Sarir, Carbo Solutions International LLC</i>
09:20 – 09:40	The effect of new sugar boiling scheme on sugar losses in molasses, <i>Abdulelah Salem Muneef</i>
09:40 – 10:00	Sugarcane and Sugar Industry in Vietnam: Overview and Research and Development Prospects, <i>Assoc. Prof. Chu Ky Son</i>
10:00 – 10:15	<i>Coffee Break</i>
10:15 – 10:35	NIR Technology, <i>Prof. Eizo Taira</i>
10:35 – 11:05	NIR solutions for the Sugarcane Industry, how to make it work, <i>Henrik Hansen, Foss South East Asia Co., Ltd</i>
11:05 – 11:25	NIR in Sugar Mill, <i>Asst. Prof. Pitiporn Ritthiruangdej</i>
11:25 – 11:45	High Performance Decolorization System for Sugar Refining Using HPA and Membrane Presses, <i>Carbo Solutions International LLC</i>
11:45 – 13:15	<i>Lunch</i>
13:15 – 13:45	Biotechnological solution to enhance the process efficiency of cane sugar production and new process to produce value added products from sugar cane, <i>B. H. Mohan, Novozymes (Thailand) Ltd.</i>
13:45 – 14:15	New Products Development for Sugar Industry, <i>Jira Kanchanapun, Sutech Engineering Co., Ltd.</i>
14:15 – 14:30	<i>Coffee Break</i>
Oral Session	
14:30 – 14:42	Evaluation of entomopathogenic fungus <i>Metarhizium anisopliae</i> for controlling <i>Dorystenes buqueti</i> Sugarcane Stem Boring Grub (SSBG) <i>Pratchya Swangmaneechareern</i>
14:42 – 14:54	Reduced Oxidative Technology: An Alternative to Conventional Biocides, <i>Keet Joseph Lee</i>
14:54 – 15:16	Traceability and compliance innovation for sustainable supply chains, <i>Emma Freycon</i>
15:16 – 15:28	Potassium management strategy to improve sugarcane quality in northeast Thailand, <i>Kenta Watanabe</i>

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15:28 – 15:40	The Rapid Assessment for Classification of Sugarcane Deterioration by Using Near Infrared Spectroscopy (NIRS) , <i>Rutchadaporn Nootas</i>
15:40 – 15:52	Development of sugarcane ripening accelerated for enhancing sugar yield , <i>Peerasak Chaiprasart</i>
15:52 – 16:04	Effects of Irrigation and Fertilizer Application Depth on Root Distribution, Growth and Yield of Sugarcane , <i>Thanankorn Jaiphong</i>
16:04 – 16:16	Quantification of Sugar Crystals by Dynamic Image Analysis, Growth and Yield of Sugarcane , <i>Pimchanok Busayapongchai</i>
16:16 – 16:28	First report of Fall Army Worm; <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) in Sugarcane in Sri Lanka , <i>V.K.A.S.M. Wanasinghe</i>
16:28 – 16:40	The characteristics of sugarcane harvesters and the effective utilization of small sugarcane harvester in Okinawa , <i>Yoshiaki Shinzato</i>

Friday, August 2, 2019

Trends in Sugars and Sweeteners	
09:00 – 09:30	Future Trends in Sweeteners , <i>Assoc. Prof. Klanarong Sriroth</i>
09:30 – 10:00	Agronomic intervention to enhance the yield and stevioside contents in Stevia: A natural bio-sweetener , <i>D. P. Singh</i>
10:00 – 10:15	<i>Coffee Break</i>
10:15 – 10:27	Optimization of ethanol production from sugarcane bagasse using response surface in shake flask fermentation , <i>Mohammad Ashfaque</i>
10:27 – 10:39	Tandem Mill Performance of the Sugar Cane Milling , <i>Wichian Srichaipanya</i>
10:39 – 10:59	Potential of Near Infrared Spectroscopy (NIR) Using Quantitative Analysis of Sugars in Molasses and High Test Molasses , <i>Pisittinee Chapanya</i>
10:59 – 11:13	Fine Liquor Color: How does it affect energy, capacity and sugar losses? , <i>Carbo Solutions International LLC</i>
11:13 – 11:23	Closing Remark
11:23 – 15:00	<i>Exhibition & Lunch</i>