

Oral Presentations

Day 1; August 12, 2017

Theme 1 – Health of Tea (HealTEA)

Time : 11.30 am – 01.00 pm

Chair: Dr. Tissa Amarakoon (University of Kelaniya)

Rapporteur: Dr. (Ms) Geethi Pamunuwa

OP H01	Emerging organic tea industry: Issues and the way forward <i>Abeygunawardena P</i>	11.30 am
OP H02	Protective mechanism of tea bioactive components on the degradation of nervous system <i>Chen SQ and Zheng XQ</i>	11.45 am
OP H03	Woojeon induces apoptosis on HCT116 human colon cancer cell lines via MAPK signaling pathway <i>Guon TE, Jeong JS and Chung HS</i>	12.00 pm
OP H04	Theasaponin E1 suppresses sphere formation and cell growth of ovarian cancer stem-like cells <i>Jia L, Wu X and Tu Y</i>	12.15 pm
OP H05	Involvement of NF-kB in the anti-inflammatory actions of EGCG in HT-29 colon cancer cells <i>Shi M, Ye JH and Liang YR</i>	12.30 pm
OP H06	Theaflavins improve insulin sensitivity in palmitic acid-induced human HepG2 cells <i>Tong T, Ren N, Guo N, Wu X, Jia L, Kim E, Wu Y, Li B and Tu Y</i>	12.45 pm

Lunch

01.00 pm

Theme 2 – Country Perspectives

Time: 2.30 pm – 05.00 pm

Chair: Prof. Sumithra Jayasekera (Wayamba University of Sri Lanka)

Rapporteur: Dr. (Ms) Prasanthi Perera

OP	Tea industry in China	02.30
C01	<i>Liang YR, Zheng XQ, Lu JL, Ye JH, and Yuan CB</i>	pm
OP	Tea industry in Korea	02.50
C02	<i>Yoo YS</i>	pm
OP	Tea industry in Japan	03.10
C03	<i>Nakamura Y</i>	pm

Tea break **03.30 pm**

OP	Production of tea in Kenya in the 21 st century	04.00
C04	<i>Mamati EG</i>	pm
OP	Tea industry in India	04.20
C05	<i>Muraleedharan N</i>	pm
OP	Status of tea industry in Sri Lanka and projections for future	04.40
C06	<i>Abeyasinghe ISB</i>	pm

Oral Presentations

Day 2; August 13, 2017

Theme 3 – Enterprise of Tea (EnTEA)

Time : 9.00 am – 10.00 am

Chair: Prof. Kapila Gunasekara (University of Peradeniya)

Rapporteur: Prof. Udith Jayasinghe

OP E01	Digital Marketing <i>Bandara S</i>	09.00 am
OP E02	Preliminary data gathering and forecasting for the future of tea trade in Australia <i>Johnston S</i>	09.15 am
OP E03	A review of recent advances in research on black tea processing: Sri Lankan perspective <i>Mohamed MTZ</i>	09.30 am
OP E04	Regional plantation companies: review & way forward <i>Rajadurai R</i>	09.45 am
Tea break		10.00 pm

Theme 4 – Science of Tea (SciTEA)

Session I

Time : 10.30 am – 12.30 am

Chair: Dr. Saman Hettiarachchi (Sri Lanka Tea Research Institute)

Rapporteur: Prof. Asoka Nugawela

OP S01	Evaluation of physio–chemical properties and antioxidant activities of Kombucha 'Tea Fungus' during extended periods of fermentation <i>Amarasinghe H, Waisundara VY and Weerakkody NS</i>	10.30 am
OP S02	Construction of a genetic linkage map based on RAPD, SSR, and AFLP markers for tea plant <i>Chang Y, Oh EU, Lee MS, Kim HB, Moon DG and Song KJ</i>	10.45 am
OP S03	The relation between processing suitability of tea cultivar with content of flavone glycosides <i>Fang Z and Xu H</i>	11.00 am
OP S04	Application of pheromone in combination with sticky trap boards to control the main pests in tea plantations <i>Han BY and Cui L</i>	11.15 am
OP S05	Modeling the growth, development and yield of tea cultivar TRI 2025 [<i>Camellia sinensis</i> (L.) O. Kuntze] in Sri Lanka <i>Jayasinghe HASL, Suriyagoda LDB, Wijeratne MA and Karunaratne AS</i>	11.30 am
OP S06	Fluoride treatment modulates calcium ATPase expression in tea plant (<i>Camellia sinensis</i>) <i>Li QS, Li X, Xiang LP, Zheng XQ, Lu JL, Ye JH and Liang YR</i>	11.45 am
OP S07	Effect of steaming process on quality of white tea after different storage time <i>Liu XB and Tu YY</i>	12.00 pm
OP S08	Gas chromatography–ion mobility spectrometry to rapidly distinguish different teas <i>Lu Y, Wang Y, Li Q and Wang X</i>	12.15 pm

Lunch break

12.30 pm

Session II

Time : 1.30 pm – 2.45 pm

Chair: Prof. Jinendra de Costa (University of Peradeniya)

Rapporteur: Dr. (Ms) Wajira Balasooriya

OP S09	Characterization of tea seed oil of North East India <i>Patel PK, Das B, Sarma R, Gogoi B and Barooah AK</i>	01.30 pm
OP S10	Aroma Components identified in high- grown black teas from Sri Lanka <i>Sung-Hee C and Jong-Bang E</i>	01.45 pm
OP S11	Study on the production technology of tea blossom fresh beer <i>Zhang XH, Xu JW , Yu PL and Tu YY</i>	02.00 pm
OP S12	Zinc stress affects ionome and metabolome in tea plants <i>Zhang Y, Wang, Y, Ding Z, Wang H, Song L, Jia S and Ma D</i>	02.15 pm
OP S13	Function of histone modifications during plant growth and development and its possible application in tea (<i>Camellia sinensis</i>) <i>Zhao M and Lu JL</i>	02.30 pm

Tea break

02.45 pm

Demonstration of Korean tea culture

03.15 pm

Theme 5 – Art of Tea (ArTEA)

Time : 3.45 pm – 4.30 pm

Chair: Rev. Prof. Nedalagamuwe Dhammadinna (University of Kelaniya)

Rapporteur: Dr. (Ms) Sevvandi Jayakody

OP A01	Drinking tea in Northern Germany – the East Frisian tea ceremony <i>Fleischmann P</i>	03.45 pm
OP A02	Myeongseoncha: a Korean tea ceremony <i>Jung JM, Yeo HY, Shin SS, Hong KM, Lim CS and OH YH</i>	04.00 pm
OP A03	Cultural tea garden design in mountainous areas in China <i>Yanhong Z, Boxuan S, ChenYang S, and Yuying H</i>	04.15 pm

Poster Presentations

Theme - Science of Tea

PP S01	Studies on quality characteristics and in vitro digestion of bread containing ultrafine green tea powder <i>Fu QY, Wang LL, Xiang LP, Zheng XQ, Lu JL, Ye JH and Liang YR</i>
PP S02	Breeding of ‘Bohyang’: a vigorous tea plant cultivar with cold and disease tolerance <i>Gi GY, Yoon CY, Kim BH, Choi J, Kim YO, Oh HB, Lee BB and Park JH</i>
PP S03	Effect of shading treatment on tea tree (<i>Camellia sinensis</i> L.): physiological changes and growth characteristics <i>Im HJ, Kim JC, Park SG, Cho KH, Kang EJ and Hwang JG</i>
PP S04	Development of a post-fermented tea with reduced caffeine and its physiological effects <i>Kieko S and Yoriyuki N</i>

- PP
S05 The comparison and microbial diversity analysis of Korean & Chinese post-fermented tea
Kim BH, Jang OK, Kim JA, Joa JH and Moon DG
- PP
S06 Physicochemical characteristics and sensory evaluation of a green tea infusion obtained from reused green tea bags
Ki-Ok Kim, Young-Min Kim and Jong-Bang Eun
- PP
S07 Characteristics of black tea quality manufactured with spring flush of China type tea plants
Kim YO, Choi J, Park JH, Oh HB, Lee BB, Gi GY, Kim BH and Nam SH
- PP
S08 Molecular mechanism of phase change in the plant tissue culture and its application in tea
Li D and Lu JL
- PP
S09 Variation of ingredients in Chinese oolong tea with different baking conditions
Li B, Kim E, Jia L, Liu X, Wang Y, Jiang X, Wu X, Shi L, Ren N, Tong T, Chen Z, Li J, Guo N, Gu Y, Xu L, Piao X, Wu Y and Tu Y
- PP
S10 Determination of indole acetic acid in tea leaves by solid phase extraction-ultra high pressure liquid-chromatography tandem mass spectrometry
Liu QY, Gao YP, Huang F and Hu MQ
- PP
S11 Metabolic pathways and genes associated with methylxanthines catabolism in caffeine-tolerant bacterial strain CT25 from tea garden
Lu JL, Wu HS, Gan Q and Fan FY
- PP
S12 Quality improvement of tea beverage induced by lactic acid bacteria and Yeast fermentation
Lv Y, Jiang Y, Pan J, Zhang H, Zhu Y and Zhang S
- PP
S13 Recent advances in glycosidically bound volatile compounds of tea
Ma YX and Lu JL
- PP
S14 Manufacturing of Korean traditional black tea 'Jacksal'
Park SK, Kang EJ, Hwang JG, Cho KH and Kim JC
- PP
S15 Effect of processing conditions on acrylamide formation in green tea
Qingru L, Bin W, Jing L and Chunjiang Z
- PP
S16 Breeding report of light-sensitive albino tea cultivar 'Huangjinjia'
Wang KR and Li M
- PP A comparison between two tea varieties 'Huangjinjia' and 'Huanjinya'

- S17 *Wang KR and Li M*
- PP
S18 Study on aroma components of Sri Lankan black tea grown on five regions by HS-
SPME/GC-MS
WANG Qiushuang and Ling C
- PP
S19 Factors affecting the exportation of Ceylon organic tea
Wickramasinghe DN, Dharmadasa RAPIS, Kahandage KPM and Dissanayaka C
- PP
S20 Characteristic evaluation of albino tea cultivars with early sprouting and high-level
of amino acids
Wu Y, Zhang LJ, Wang KR and Li M
- PP
S21 Characteristic Evaluation of Albino Tea cultivars with Early Sprouting and High-
level Amino Acids
Wu Y, Zhang LJ, Wang KR and Li M
- PP
S22 Characteristic evaluation of early white tea variety with high amino acid levels
Wu Y and Zhang LJ
- PP
S23 Effect of UV-B radiation during spreading on the quality of green tea in summer
season
Zhang W and Lu JL
- PP
S24 Recent advances in research of albino tea plants
Zheng XQ, Lu JL, Wang KR and Liang YR

Theme - Health of Tea

- PP H01 Study on antibacterial effect of theaflavins
Eun-Hye KIM Yuan-Yuan WU and You-Ying TU
- PP H02 White tea: processing technology and its health benefits
Zhang S
- PP H03 Analysis on the principle of tea therapy under new international
health concept
Song YS, Zhao YH and Song BX
- PP H04 The inhibitory effects and mechanisms of theaflavin-3, 3'-gallate
on human ovarian carcinoma cells
Tu YY and Gao Y

Theme: Enterprise of Tea

- PP
E01 Determinants of value added Ceylon tea exportation to Russian market
Abeyrathna AHMTA, Dharmadasa RAPIS, Rathnayake RMPS and Gallage TDP
- PP
E02 The income effect of drinking tea: an empirical analysis of city residents in
Chen F, Du P, Zhang F, Jiang R and Jiang A
- PP
E03 Level of competition of Ceylon tea and Kenyan tea in the world market: an analysis
using constant market share model
Kithsiri KHSK, Nanayakkara NIK and Abeywickrama LM
- PP
E04 Critique on current teaching methods of module “tea culture”
offered to college students of China
Liu Q
- PP
E05 Investigation and strategy research on the development of tea culture industry in
Hubei
Mi X and Liu H

Theme: Art of Tea

- PP A01 Contemporary tea zone art
Beijing SB, Yanhong Z and Shi Z
- PP A02 Influence of modern art on tea culture and Chinese style tea sets
ChenYang S, Boxuan S, Yanhong Z and Yuying H
- PP A03 Reflections on tea drinking customs of bulang people of
Mangjing village in Lancang County of China
Mei S