

2nd International Conference on Food Quality, Safety and Security – FOOD QUALSS 2018

“Towards Sustainable Healthy Lives through Value Chains of Quality and Safe Foods”

TECHNICAL PROGRAM

DAY 01 - THURSDAY, 25TH OCTOBER, 2018

| INAUGURATION SESSION | Thursday, 25 th October 2018 08.00 to 09.40 Longdon | |
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| | 08.00 – 09.00 | Conference Registration |
| | 09.00 – 09.10 | Welcome Address by the Conference Convener <i>Mr. Isanka P. Gamage (Co-Founder & Managing Director - The International Institute of Knowledge Management (TIKM), Sri Lanka)</i> |
| | 09.10 – 09.30 | Speech by the Conference Chair <i>Prof. K.K.D.S. Ranaweera (University of Sri Jayewardenepura, Sri Lanka)</i> |
| | 09.30 – 09.40 | Conference Photograph |
| | 09.40 – 10.00 | Morning Refreshments |

| KEYNOTE FORUM | Thursday, 25 th October 2018 10.00 to 10.40 Longdon | |
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| | 10.00 – 10.40 | <i>Prof. Dr. Hami Alpas (Middle East Technical University, Turkey)</i> |

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| TECHNICAL SESSION 01 | FOOD QUALITY I | | |
| | Thursday, 25 th October 2018 10.40 to 11.40 Longdon | | |
| | Chaired by Dr. Amunugoda P.N.R.J (<i>Industrial Technology Institute, Sri Lanka</i>) | | |
| | 10.40 – 11.00 | A1 | Ergonomics Creating Quality and Safe Culture for Processed Food: A Case of Ceylon Cinnamon Industry B.M.R.L. Basnayake, D.A.M. De Silva (<i>Sabaragamuwa University of Sri Lanka, Sri Lanka</i>) |
| | 11.00 – 11.20 | A2 | GI/Traceability will Assure the Quality Supply? A Case of Ceylon Cinnamon W.M.T.B. Weddagala, D.A.M. De Silva (<i>Sabaragamuwa University of Sri Lanka</i>) |
| 11.20 – 11.40 | A3 | Volatile Constituent from Fruit of Antidesma Bunius by GC-MS Yelliantty ¹ , Rahmana Emran Kartasasmita ¹ , Slamet Ibrahim Surantaatmadja ¹ , Yaya Rukayadi ² (<i>¹Institute Teknologi Bandung, Indonesia, ²Universiti Putra Malaysia, Malaysia</i>) | |

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| PLENARY SPEECH | Thursday, 25th October 2018 11.40 to 12.10 Longdon | |
| | 11.40 – 12.10 | |
| | 12.10 – 13.10 | Networking Lunch |

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| TECHNICAL SESSION 02 | FOOD QUALITY II | | |
| | Thursday, 25 th October 2018 13.10 to 14.10 Longdon | | |
| | Chaired by Dr. Amunugoda P.N.R.J. (<i>Industrial Technology Institute, Sri Lanka</i>) | | |
| | 13.10 – 13.30 | A4 | Quality Characteristics of Chicken Jerky Prepared with Different Physical Forms Chicken Meat Types B.I.L.M. Mendis ¹ , G.A. Prathapasinghe ¹ , D.A. Satharasinghe ² , J.M.K. J. K. Premarathne ¹ (¹ <i>Wayamba University of Sri Lanka</i> , ² <i>University of Peradeniya, Sri Lanka</i>) |
| | 13.30 – 13.50 | A5 | Isolation and Identification of Possible Microbes Associated with Black Tea in a Commercial Tea Blending Process Factory Dharmarathna E.K.G.P.U. ¹ , Liyanawickramasinghe T.R. ¹ , Aruppala A.L.Y.H. ¹ , Abeyrathne E.D.N.S. ¹ , Jinadasa H.R.N. ² (<i>Uva Wellassa University</i> , ² <i>University of Peradeniya, Sri Lanka</i>) |
| 13.50 – 14.10 | A6 | Standards and Certifications as a Means for Competitive Advantage in Marketing - A Case of Ceylon Cinnamon Industry Madushani K.P. (<i>Sabaragamuwa University, Sri Lanka</i>) | |

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| TECHNICAL SESSION 03 | SOCIO ECONOMICS, VALUE ADDITIONS, EMERGING FOODS AND TECHNOLOGIES | | |
| | Friday, 25 th October 2018 14.10 to 15.50 Longdon | | |
| | Chaired by Dr. E.D.N.S. Abeyrathne (<i>Uva Wellassa University, Sri Lanka</i>) | | |
| | 14.10 – 14.30 | B1 | Dielectric Barrier Discharge Atmospheric Plasma: A Review and Comparison Amunugoda P.N.R.J., De Silva A.B.J.C., Weerasinghe B., Pitipanaarachchi R. (<i>Industrial Technology Institute, Sri Lanka</i>) |
| | 14.30 – 14.50 | B2 | Date Paste as Sugar Replacer in Production of Functional Biscuits Shamas Murtaza ¹ , Salim-ur-Rehman ² (¹ <i>Muhammad Nawaz Shareef University of Agriculture</i> , ² <i>University of Agriculture, Pakistan</i>) |

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| | 14.50 – 15.10 | B3 | Quality, Safe, Free Back Yard Production: Role of Neglected Crops in Rural Household Economy W.M.S. Warnakulasooriya, D.A.M. De Silva (<i>Sabaragamuwa University, Sri Lanka</i>) |
| | 15.10 – 15.30 | B4 | Optimization and Storage Studies of Palm (<i>Borassus flabellifer</i>) Ready-to-Serve (RTS) S. Mohanty, S. Mishra, R.C. Pradhan (<i>Pradhan National Institute of Technology Rourkela, India</i>) |
| | 15.30 – 15.50 | B5 | Development of Osmotically Dehydrated Banana Chips Breakfast Cereal Supplementation P.A.T. Fernando ¹ , Sarananda Hewage ² (¹ <i>University Of Peradeniya, 2Food Research Unit ,Gannoruwa, Peradeniya, Sri Lanka</i>) |
| | 15.50 – 16.10 | Evening Refreshments | |

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| POSTER SESSION | Thursday, 25th October 2018 16.10 to 16.30 Regency | | |
| | P1 | A Comparative Study of Sri Lankan Food Controlling Infrastructure with that of Developed Countries Pinnaduwa A.U. (<i>University of Peradeniya, Sri Lanka</i>) | |
| | P2 | Development of a Cookie Supplemented with Lotus (<i>Nelumbo nucifera</i>) Seed Flour S.A.A. Pabashi, A.H.G.S. Udari (<i>Horizon Campus, Sri Lanka</i>) | |
| | P3 | An Analytical Protocol for Estimation of True Dietary Load of Heavy Metal Contaminants in Sri Lankan Households Gunawardana W.D.J.W ¹ , Gunawardana S.A. ¹ , Chandrajith R. ² , Thoradeniya T. ¹ (¹ <i>University of Colombo, 2University of Peradeniya, Sri Lanka</i>) | |
| | P4 | Anti-Inflammatory, Antioxidant and Antihepatotoxic Effects of <i>Spirulina platensis</i> Against D-Galactosamine Induced Hepatotoxicity in Rats Wahidah H. Al-Qahtani, Manal Abdulaziz Binobead (<i>King Saud University, Saudi Arabia</i>) | |

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DAY 02 – FRIDAY, 26TH OCTOBER, 2018

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| TECHNICAL SESSION 04 | FOOD SAFETY I | | |
| | Friday, 26 th October 2018 09.00 to 10.00 Longdon | | |
| | Chaired by Dr. Amunugoda P.N.R.J (<i>Industrial Technology Institute, Sri Lanka</i>) | | |
| | 09.00 – 09.20 | C1 | <i>Fusarium graminearum</i> Colors and Deoxynivalenol Synthesis at Different Temperatures Edgar M. Cambaza (<i>Hokkaido University, Japan</i>) |
| | 09.20 – 09.40 | C2 | Prevalence of <i>Escherichia coli</i> in Chicken Meat and Edible Organs at Retail Shops and Supermarkets in Kurunegala District Piumanthi Subhashini Anwarama ¹ , R.A.S.S. Ranasinghe ¹ , D.A. Satharasinghe ² , J.M.K.J.K. Premarathne ¹ (¹ <i>Wayamba University of Sri Lanka</i> , ² <i>University of Peradeniya, Sri Lanka</i>) |
| | 09.40 – 10.00 | C3 | Study on Food Adulteration of Sri Lanka and Recommendation of Rapid, Qualitative, Chemical Detection Methods to Identify Common Food Adulterants M.A.N.M. Munasinghe, B.E.P. Mendis, R.M.G.B. Rajanayake (<i>University of Peradeniya, Sri Lanka</i>) |
| 10.00 – 10.20 | Morning Refreshments | | |

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| CONFERENCE WORKSHOP | Friday, 26th October 2018 10.20 to 12.20 Longdon | |
| | 10.20 – 12.20 | “High Hydrostatic Pressure (HHP) Engaged with Time Domain Nuclear Magnetic Resonance (NMR) ” Prof. Dr. Hami Alpas (<i>Middle East Technical University, Turkey</i>) |
| | 12.20 – 13.20 | Networking Lunch |

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| TECHNICAL SESSION 05 | FOOD SAFETY II | | |
| | Friday, 26 th October 2018 13.20 to 14.40 Longdon | | |
| | Chaired by Dr. E.D.N.S. Abeyrathne (<i>Uva Wellassa University, Sri Lanka</i>) | | |
| | 13.20 – 13.40 | C4 | Quantification of Benzoic Acid and Sorbic Acid in Ready to Serve Jelly Drinks Available for Sale in Colombo District Wijelath W.A.G.E. ¹ , Jayanath N.Y. ¹ , Senevirathne D. ² , Gurage K.P.G.K.T. ² , Madhujith W.M.T. ¹ (¹ <i>University of Peradeniya</i> , ² <i>Government Analyst’s Department, Sri Lanka</i>) |
| | 13.40 – 14.00 | C5 | Designing Soybean Peel Separator Container for Decreasing the Intensity of Skin Contact in Tempeh Industries Fikri Abdulhakim, Agus Kusnayat, Sri Martini (<i>Telkom University, Indonesia</i>) |
| | 12.00 – 14.20 | C6 | Identification of <i>Escherichia coli</i> in Different Bottled Water Samples by Using the Polymerase Chain Reaction (PCR) Technique Srimurugadas J., Marsha S. (<i>BMS School of Science, Sri Lanka</i>) |
| 14.20 – 14.40 | C7 | Determination of Total Aflatoxin Levels in Coconut Oil Produced in Sri Lanka and Compliance to Specifications Madushani N.H.G.T., Pinnaduwa A.U., Mendis B.E.P., Rajapakse R.P.N.P. (<i>University of Peradeniya, Sri Lanka</i>) | |

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| CONFERENCE SUMMARY | Friday, 26th October 2018 14.40 to 15.00 Longdon | |
| | 14.40 – 15.00 | Conference Summary Dr. Jagath Jayasinghe (<i>University of Sri Jayewardenepura, Sri Lanka</i>) |
| | 15.00 – 15.30 | Evening Refreshments |

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| CONFERENCE CLOSURE | Friday, 26th October 2018 15.30 to 16.00 Longdon | |
| | 15.30 – 15.50 | Conference Concluding and Awarding Ceremony |
| | 15.50 – 16.00 | Vote of Thanks Mr. Duminda Koralagamage (<i>Assistant General Manager- The International Institute of Knowledge Management (TIKM), Sri Lanka</i>) |

Saturday, 27th October 2018 | Post Conference Tour (Optional)

Conference Chair

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Prof. K.K.D.S. Ranaweera

(University of Sri Jayewardenepura, Sri Lanka)

Keynote Speaker

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Prof. Dr. Hami Alpas

(Middle East Technical University, Turkey)

Rapporteur

.....
Dr. Jagath Jayasinghe

(University of Sri Jayewardenepura, Sri Lanka)

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Conference Convener

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Mr. Isanka P. Gamage

(The International Institute of Knowledge Management, Sri Lanka)

Conference Secretariat

.....

Ms. Natashya Kodituwakku

(The International Institute of Knowledge Management, Sri Lanka)

Evaluation Panel

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Organizer



Hosting Partner



Academic Partner



Tour Partner



Event Partner

