IDRC 2018 Posters

No.	Presenting Author	Affiliation	Title
		Experienced/Post-Docs	
E-01	Sae Tanaka	Keio University, Japan	Quantitative Analysis of the Ratio of Glucose Anomers in Solution
E-02	Konni Biegert	Kompetenzzentrum Obstbau-Bodensee, Germany	Monitoring of apple fruit growth and development on the tree using a handheld vis/NIR device
E-03	Roy McCormick	Kompetenzzentrum Obstbau-Bodensee, Germany	A movable external light source fitted to a hand-held Felix F750 vis/NIR spectrometer to take spatial resolved scans of ripening apple fruit while still attached to the tree
E-04	Dongsheng Bu	BMS, US	Considerations of Model Validation of NIR Based Quantitative Methods
E-05	Perrine Hebert	ARKEMA, France	Use of a NIR mini spectrometer for polyamides discrimination on a production unit by PLS-DA
E-06	Nicola Caporaso	University of Nottingham, UK	Using hyperspectral imaging for prediction of whole cocoa bean composition
E-07	Jordi Cruz	Salesian University, Spain	Prediction of bean plants pathologies, and geographical origin by using NIRS and chemometrics
		Students	
S-01	Natasha L. Velez	Duquesne University, US	Assessment of Mean Square Successive Difference Test as a Qualitative Statistical Approach for Monitoring Powder Blending using Near Infrared Spectroscopy
S-02	Natasha L. Velez	Duquesne University, US	On-line Monitoring of Relative Density in a Continuous Flowing Powder Stream using NIR Spectroscopy
S-03	Adam Rish	Duquesne University, US	Assessment of Mean Square Successive Difference Test as a Qualitative Statistical Approach for Monitoring Powder Blending using Near Infrared Spectroscopy
S-04	Shikhar Mohan	Duquesne University, US	Improving On-line Monitoring of Tablet Coating Process with Terahertz Pulsed Imaging Based Near-Infrared Coating Thickness Models
S-05	Pholisa Dumalisile	University of Stellenbosch, South Africa	Near Infrared (NIR) Spectroscopy Classification of Game Meat Species Using a Portable Instrument
S-06	Carlos Ortega-Zuniga	University of Puerto Rico at Mayaguez, US	Study of near infrared chemometric models with low heterogeneity films. The role of optical sampling and spectral preprocessing on partial least squares errors. Part II: Reproducibility of NIR calibration models
S-07	Adriluz Sanchez-Paternina	University of Puerto Rico at Mayaguez, US	Evaluation of sources errors in Near Infrared Spectroscopy - Understanding variographic analysis in NIR validation terms
S-08	Barbara Alvarado-Hernandez	University of Puerto Rico at Mayaguez, US	Development of NIR calibration models for excipient powder blends and the challenges faced when transferring the method
S-09	Pedro A. Martinez Cartagena	University of Puerto Rico at Mayaguez, US	A Scientifically Justified Interface and Sample Reduction System for Flowing Powders
S-10	Maritza Reyna-Liriano	University of Puerto Rico at Mayaguez, US	Selection of PLS factors for evaluation of a mixing process in NIR spectroscopy
S-11	Judi Psarrakis	Stellenbosch University, South Africa	Differentiating between the source of bottled water using near infrared spectroscopy and aquaphotomics
S-12	Verena Wiedemair MSc.	University of Innsbruck, Austira	Insights into the total anitoxidative capacities of different cultivars of gluten-free grains using benchtop and handheld NIR spectroscopy
S-13	Princess Tiffany Dantes	Iowa State University, US	NIR Hyperspectral Imaging for Feed Quality and Safety Applications – A Review
S-14	Christian G. Kirchler	University of Innsbruck, Austira	Applicability of handheld NIR spectrometers for the determination of relevant plant ingredients in black tea and rosemary leaves