

13th International Work shop for Young Scientists "BioPhys Spring 2014"
Part II, Institute of Agrophysics Polish Academy of Sciences, Lublin, 7th July 2014

BPS 2014

PROGRAMME

Monday, 7th July 2014

08:30 – 08:55	Registration
09:00 – 09:10	Opening
I SESSION	Chairman: Józef Horabik
09:10 – 09:30	Sławiński Cezary SOIL WATER HYSTERESIS – THE MEASUREMENT AND MODELLING
09:30 – 09:40	Gackiewicz Bartłomiej, Lamorski Krzysztof, Sławiński Cezary MODELING OF SOIL WATER TRANSPORT - NUMERICAL IMPLEMENTATION OF THE RICHARDS EQUATION
09:40 – 09:50	Pastuszka Tomasz, Sławiński Cezary THE INFLUENCE OF THE ORGANICAL SLUDGES ON HYDROPHYSICAL SOIL PROPERTIES
09:50 – 10:00	Pastuszka-Woźniak Joanna, Baranowski Piotr APPLICATION OF HYPERSPECTRAL IMAGING TO ESTIMATION OF PROTEIN AND WATER CONTENT OF SELECTED GRAINS
10:00 – 10:10	Ambrożewicz-Nita Anna, Józefaciuk Grzegorz, Szerement Justyna, Piasek Justyna, Kędziora Karolina THE EFFECT OF ADDITION OF ZEOLITE ON CHANGES IN SURFACE CHARGE OF SELECTED SOILS
10:10 – 10:20	Cybulak Marta DETERMINATION OF CALCIUM, MAGNESIUM AND POTASSIUM IN FAWN SOIL WITH BIOCHAR BY ATOMIC ABSORPTION SPECTROSCOPY
10:20 – 10:40	COFFEE BREAK
II SESSION	Chairman: Cezary Sławiński
10:40 – 10:50	Bulak Piotr, Brzezińska Małgorzata AGENTS FOR CHELATE-ASSISTED PHYTOEXTRACTION
10:50 – 11:00	Koczańska Magdalena, Cieśla Jolanta, Bieganowski Andrzej THE EFFECT OF PREPARATION CONDITIONS ON THE SEDIMENTATION OF CLAY SUSPENSION
11:00 – 11:10	Kuna Jan, Bieganowski Andrzej HOUSEHOLD WASTES AS A SUBSTRATE FOR BIOGAS PRODUCTION
11:10 – 11:20	Mierczyńska Joanna, Cybulska Justyna, Zdunek Artur HIGH DIETARY FIBER POWDER ENRICHED WITH METAL IONS AND ASCORBIC ACID AS A MODIFIER OF RHEOLOGICAL PROPERTIES OF FOOD
11:20 – 11:30	Jaromin-Gleń Katarzyna MODELING OF SEWAGE PURIFICATION IN SBR REACTORS USING A DEDICATED SIMULATOR
11:30 – 11:40	Kondracka Katarzyna, Nosalewicz Artur, Lipiec Jerzy PLANT RESPONSE TO DROUGHT STRESS
11:40 – 12:00	COFFEE BREAK

III SESSION

Chairman: Grzegorz Józefaciuk

12:00 – 12:10

Kotowicz Natalia, Frąć Magdalena, Lipiec Jerzy
APPLICATION OF BIOLOG FF MICROPLATE™ FOR METABOLIC PROFILING OF FUNGI
FROM THE GENUS FUSARIUM

12:10 – 12:20

Panek Jacek, Frąć Magdalena
APPLICATION OF PCR METHOD FOR DETECTION OF HEAT-RESISTANT FUNGI BELONG
TO THE TALAROMYCES FLAVUS SPECIES

12:20 – 12:30

Kwietniewska Ewa, Tys Jerzy
ANAEROBIC DIGESTION OF MICROALGAL BIOMASS

12:30 – 12:40

Oleszek Marta, Kuna Jan, Tys Jerzy
THE POSSIBILITIES OF BIOGAS IN PRODUCTION THE LUBELSKIE PROVINCE

Closing of the BPS 2014 conference