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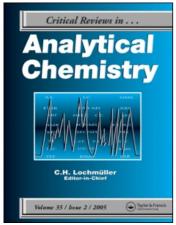
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AMERICAN CHEMICAL SOCIETY (ACS) Washington

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INTERNATIONAL CENTRE FOR CHEMICAL STUDIES (ICCS) Ljubljana

WORKSHOP

on

PROJECTS TO FOSTER CHEMISTRY FOR SUSTAINABLE DEVELOPMENT

in

South-East European Region

Kranjska gora, 30 September–2 October 2001

PROGRAM

SUNDAY, 30 September—morning

09.30–09.45 Registration of participants

10.00–10.20 **OPENING**

Eli M. Pearce, President-Elect, American Chemical Society (ACS)

Venčeslav Kaučič, President, Slovenian Chemical Society

John M. Malin, ACS International Activities Aleksandra Kornhauser, Director, ICCS

PROMOTING SUSTAINABLE DEVELOPMENT

Chair: Venčeslav Kaučič Rapporteur: Dennis Hjeresen

10.20–11.20 Eli M. Pearce

SUSTAINABILITY AND POLYMERS

Gabor Naray-Szabo

PROJECTS TO FOSTER CHEMISTRY

FOR SUSTAINABLE DEVELOPMENT IN HUNGARY

Dennis L. Hjeresen

GREEN CHEMISTRY FOR GLOBAL ENVIRONMENTAL ISSUES

11.20–11.50 COFFEE BREAK

11.50–12.30 Victor Failmezger
CLEAN TECHNOLOGY EXCHANGE INITIATIVE SEES SUCCESS
Bojan Šoptrajanov
CHEMISTRY AND THE ENVIRONMENT PROTECTION
IN MACEDONIA

12.30–13.15 PANEL DISCUSSION
Comments and proposals

13.15–14.30 LUNCH BREAK

SUNDAY, 30 September—afternoon

ENVIRONMENTAL MANAGEMENT

Chair: Jeffrey Osborne Rapporteur: Jiri Janata

14.30–15.50 Charles Z. Lochmuller

COST-EFFECTIVE ENVIRONMENTAL ASSESSMENT

George Emil Baiulescu, Anca Iulia Stoica

GENERAL ASPECTS CONCERNING THE POLLUTION IN ROMANIA

Vera Žutić

ADVANCING INTERNATIONAL COLLABORATION FOR COORDINATED ADRIATIC RESEARCH

Nataša Markovska

ASSESSMENT AND MITIGATION OF ENVIRONMENTAL IMPACTS

OF INDUSTRIAL PROCESSES IN MACEDONIA

15.50–16.15 PANEL DISCUSSION

Comments and proposals

16.15–16.45 COFFEE BREAK

ENVIRONMENTAL METHODS AND TECHNIQUES

Chair: Dragan Uskoković Rapporteur: Mira Josowicz

16.45–17.45 Mladen Franko

LASER INDUCED DEGRADATION OF ORGANOPHOSPHATES

AND MONITORING OF THEIR TOXICITY BY CHOLINESTERASE BIOSENSORS

Nada Miljević

APPLICATION OF ENVIRONMENTAL ISOTOPES

IN EVALUATION OF POLLUTANTS

Marjan Veber

THE DETERMINATION OF VOLATILE ORGANIC

COMPOUNDS IN THE ATMOSPHERE

17.45–18.15 PANEL DISCUSSION

Comments and proposals

MONDAY, 1 September—morning

WASTE PREVENTION AND MANAGEMENT

Session I

Chair: Aleksandra Kornhauser Rapporteur: Victor Failmezger

09.00–10.20 Mira Josowicz

DECREASING ENVIRONMENTAL BURDEN

BY CONDITIONAL MAINTENANCE

Janez Levec

THERMAL LIQUID-PHASE PROCESSES

FOR EFFECTIVE REMOVAL OF TOXIC POLLUTANTS

FROM INDUSTRIAL WASTEWATERS

Viktor Grilc

CHARACTERISATION AND ASSESSMENT

OF HAZARDOUS WASTE

10.20-10.50 PANEL DISCUSSION

Comments and proposals

10.50-11.20 BREAK

WASTE PREVENTION AND MANAGEMENT

Session II

Chair: Viktor Grilc

Rapporteur: Charles Z. Lochmüller

11.20–12.20 Velida Vatrenjak-Velagić

UNIVERSITY SUPPORT FOR ESTABLISHING A STRATEGY FOR INDUSTRIAL AND SPECIAL WASTE MANAGEMENT

IN SARAJEVO CANTON

Milena Horvat

REMEDIATION OF MERCURY POLLUTED SITES

DUE TO MINING ACTIVITIES

Radmila Milačić, Janez Ščančar

SAFE DISPOSAL OF CHROMIUM-RICH WASTE MATERIALS

12.20–12.50 PANEL DISCUSSION

Comments and proposals

12.50–14.00 LUNCH BREAK

MONDAY, 1 October—afternoon

14.00- EXCURSION

TUESDAY, 2 October—morning

CLEAN WATER Session I

Chair: Janez Levec

Rapporteur: John M. Malin

09.00–10.00	Jiri Janata LOCATION OF POLLUTION SOURCES IN TURBULENT WATERS
	Kurnik Jelka TEXTILE WASTEWATER TREATMENT TECHNOLOGIES: WET OXIDATION vs. OZONATION
	Anca Iulia Stoica, George Emil Baiulescu CONSIDERATION OF POLLUTION OF ARGES RIVER
10.00–10.30	PANEL DISCUSSION Comments and proposals
10.30-11.00	COFFEE BREAK
	CLEAN WATER Session II
	Chair: Boh Bojana Rapporteur: Jiri Janata
11.00–12.20	Miran Veselič PROTECTION OF GROUNDWATER IN CLASSICAL KARST SYSTEMS
	Ana Mišurović MANAGEMENT OF DRINKING SURFACE AND UNDERGROUND WATER POLLUTED BY WASTE FROM ALUMINIUM INDUSTRY
	Pranvera Lazo PHYTOREMEDIATION OF Ni, Cr, Hg in SOME CONTAMINATED AREAS IN ALBANIA
	Katarina S. Wissiak Grm, Margareta Vrtačnik, Boris Šket BIODEGRADATION AND PHOTOOXIDATION STUDIES OF MODEL ORGANIC POLLUTANTS
12.20-13.00	PANEL DISCUSSION Comments and proposals
13.00-14.00	LUNCH BREAK
	ENVIRONMENTALLY BENIGN MATERIALS
	Chair: Victor Failmezger Rapporteur: Miran Veselič
14.00–15.00	Dragan Uskoković SYNTHESIS OF ADVANCED ENVIRONMENTALLY BENIGN MATERIALS BY POWDER PROCESSING
	Bojana Boh REDUCING THE TOXICITY OF PESTICIDES
	Kržan Andrej STATUS AND PERSPECTIVES OF ENVIRONMENTALLY DEGRADABLE POLYMERS
15.00–15.30	PANEL DISCUSSION Comments and proposals
15.30–16.00	COFFEE BREAK

SUMMARY: OPPORTUNITIES AND FUTURE ACTIONS

Chair: Eli M. Pearce

16.00–17.30 John M. Malin—Dennis L. Hjeresen

ACS INTERNATIONAL PROGRAMMES FOR SUSTAINABLE DEVELOPMENT

Aleksandra Kornhauser

CHEMISTRY FOR SUSTAINABLE DEVELOPMENT: OPPORTUNITIES IN

COUNTRIES IN TRANSITION

17.30–18.00 Break

18.00–19.00 PLENARY DISCUSSION

with the Slovenian Minister of the Environment

Dr. Janez Kopač

19.00 CLOSURE

Eli M. Pearce Slavko Kaučič