

**4th WORKSHOP: SPECIFIC METHODS FOR FOOD SAFETY AND QUALITY**  
September 23rd, 2014, Belgrade, Serbia

is a satellite event of  
PHYSICAL CHEMISTRY 2014  
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organized by  
VINČA INSTITUTE OF NUCLEAR SCIENCES  
Vinča – Belgrade, Serbia

in co-operation with  
THE SOCIETY OF PHYSICAL CHEMISTS OF SERBIA  
Held under the auspices of the  
MINISTRY OF EDUCATION AND SCIENCE

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## FINAL PROGRAM

### Abbreviation

**IL** – Invited Lecture

**OP** – Oral Presentation

**PP** –Poster Presentation

### Poster presentations – ETRANCE HALL

13:00 – 14:00

### Oral presentation – A HALL

#### Session 1

**Chairman: Milovan Stoiljković**

14:30 – 14:55	<b>IL 1</b>	<b>Ivan Nastasijević</b>  <i>Verotoxigenic Escherichia coli in the meat chain and control strategies</i>
14:55 – 15:15	<b>OP 1</b>	<b>Mirjana Cvijović</b>  <i>Analytical techniques for metal analysis in food</i>
15:15 – 15:35	<b>OP 2</b>	<b>Marija Janković</b> , Nataša B. Sarap, Tijana Kostić, Dragana J. Todorović, Gordana K. Pantelić  <i>Activity levels of radionuclides in milk samples from Serbia</i>
15:35 – 15:55	<b>OP 3</b>	<b>Vesna Dragičević</b>  <i>Determination of mineral nutrients availability and antioxidants content from grain in different crops</i>
15:55 – 16:10	<b>Pause</b>	

## Session 2

**Chairman: Jelena Savović**

- |               |                          |  |
|---------------|--------------------------|--|
| 16:10– 16:35  | <b>IL 2</b>              | <b>Vladana Vukojević</b><br><br><i>Fluorescence correlation spectroscopy (FCS) a quantitative analytical method with single-molecule sensitivity</i> |
| 16:35 – 16:55 | <b>OP 4</b>              | <b>Dražen Vicić, Milovan Stojiljković</b><br><br><i>Assessment of heavy metal content in serpentine populations of mountain germander</i>            |
| 16:55 – 17:15 | <b>OP5</b>               | <b>Krug International LTD.</b><br><br><i>Sales, maintaining, validation and servicing of highly sophisticated laboratory instruments</i>             |
| 17:15– 17:30  | <b>OP 6</b>              | <b>Ivan Nastasijević</b><br><br><i>Live Bivalve molluscs: Food safety management perspective</i>   |
| 17:30 – 17:45 | <b>Poster discussion</b> |  |

### List of posters:

1. DETERMINATION OF BORON CONTENT IN NATURAL MINERAL WATER-SPECTROPHOTOMETRIC APPROACH  
Snežana Zlatanović, Olgica Kovačević , Sanja B. Ostojić , Sanja Stanojlović, Branislav R. Simonović
2. FATTY ACID COMPOSITION AND OXIDATION KINETIC OF RASPBERRY AND BLACKBERRY SEED OILS  
Darko M. Micić, Sanja B. Ostojić, Mladen B. Simonović, Branislav R. Simonović
3. REHYDRATATION OF OSMOTICALLY DEHYDRATED PORK MEAT FOLLOVED BY THERMAL ANALYSIS  
Sanja B. Ostojić, Darko Micić, Snežana Zlatanović, Lato Pezo, Danijela Šuput, Branislav R. Simonović, Ljubinko Lević
4. ELECTROCHEMICAL OXIDATION OF DIAZINON IN AQUEOUS SOLUTIONS VIA ELECTROGENERATED HALOGENS  
Tamara D. Lazarević-Pašti, Igor A. Pašti , Vesna M. Vasić
5. INFLUENCE OF MALATHION OXIDATION ON ACETYLCHOLINESTERASE BIOASSAY SENSITIVITY

Mirjana B. Čolović, Danijela Z. Krstić, Aleksandra M. Bondžić, Vesna M. Vasić

6. DIAZINON AND CHLORPYRIFOS OXIDATION AS A PRE-STEP IN ACETYLCHOLINESTERASE BIOASSAY

Mirjana B. Čolović, Danijela Z. Krstić, Aleksandra M. Bondžić, Vesna M. Vasić

7. DETERMINATION OF BETAINE IN COMMERCIAL COW MILK AVAILABLE ON THE SERBIAN MARKET

Nataša Trutić, Radmila Pavlović, Slavica Sunarić, Jelena Živković, Slavoljub Živanović, Tatjana Jovanović, Gordana Kocić

8. SYNTHESIS OF SILVER'DOPED FLUOROAPATITE AS PERSPECTIVE FILLER FOR FOOD PACKAGE

Vojislav Stanić, Ana S. Radosavljević-Mihajlović, Vukosava Živković-Radovanović, Branislav Nastasijević, Jelena P. Marković, Marija Janković, Karolina Kalić, Dragoljub Jovanović