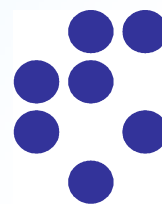


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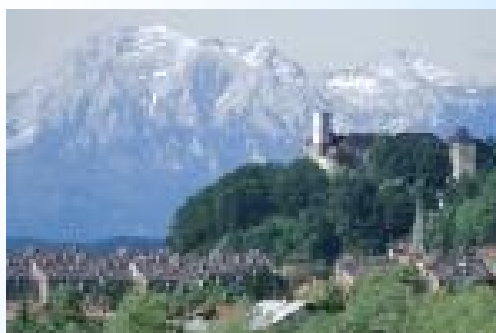
*Second circular*

**WORKSHOP AND TRAINING COURSE ON  
CHROMIUM SPECIATION IN INDUSTRY,  
ENVIRONMENT, OCCUPATIONAL HEALTH AND  
FOOD, WITH LEGISLATIVE ASPECTS**

Organised within the framework of the EU funded project EVISA

**Place: Jožef Stefan Institute, Kolar's lecture room,  
Jamova 39, 1000 Ljubljana, SLOVENIA**

**Date: May 3-4, 2004**

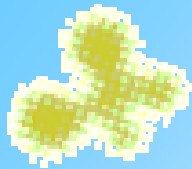


**Jožef Stefan Institute**

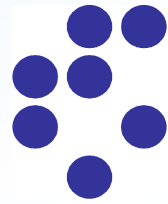
**Ljubljana**



**Slovenia**



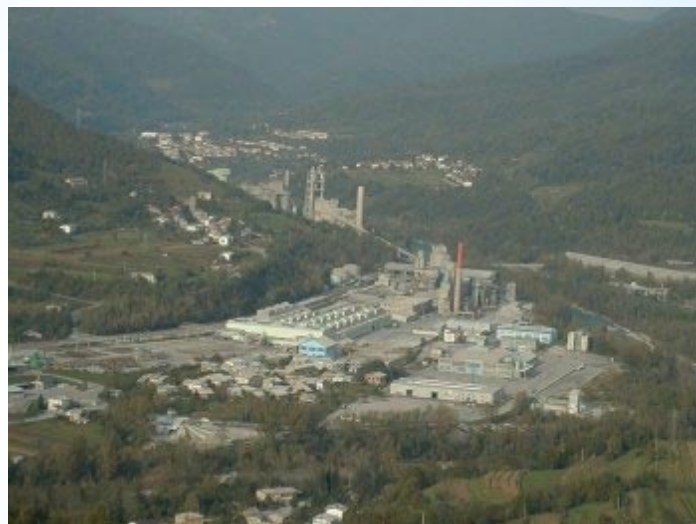
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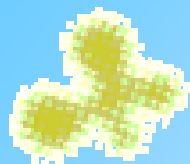
## **About the workshop**

Chromium and chromium chemicals are widely used in the metallurgical and chemical industries, leather tanning, wood treatment etc. Chromium has been identified both as an essential micronutrient and as a toxic element. The essentiality and toxicity of chromium is a function of its chemical form. In general, chromium(III) compounds are far less toxic than chromium(VI).

In the framework of the EU funded European Virtual Institute for Speciation Analysis for Improvement of Health, Food, Industry and Environment (EVISA) the workshop and training course on chromium speciation will be organised for users from industrial world by the renowned experts in the field of chromium speciation.



***Concern over the presence of hexavalent chromium in cement requires regular control and harmonisation of the analytical procedures for the determination of Cr(VI)***



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## **Programme:**

**Monday: May, 3<sup>rd</sup> 2004**

**9:00 Wellcome**

**9:15 EVISA: The European Virtual Institute for Speciation Analysis: A service provider linking researchers, instrument manufacturers, industry, and other interested parties for an improvement of the information value of chemical measurements by speciation analysis**

**Dr. Michael Sperling, EVISA, University of Münster, Münster, Germany**

**10:00 The chromium paradox: toxic and essential**

**Dr. Rita Cornelis, EVISA, Advisory board, University of Gent, Gent, Belgium**

**10:45 Coffee break**

**11:00 The importance of speciation of Cr for accumulation and stress in yeast**

**Prof. Peter Raspor, Biotechnical Faculty, University of Ljubljana, Slovenia**

**11:45 Environmental fate of chromium compounds: Safe disposal of chromium rich waste materials**

**Dr. Radmila Milačič, EVISA, Jožef Stefan Institute, Ljubljana, Slovenia**

**12:30 Lunch break**

**14:00 Overview and critical evaluation of analytical methods available for chromium speciation**

**Dr. Fabienne Séby, EVISA, ADERA, Pau, France**

**14:45 Chromium speciation using modified sample introduction capillaries**

**Prof. Les Ebdon, EVISA, Advisory board, Luton University, Luton, United Kingdom**

**15:30 Coffee break**

**15:45 Measurement of hexavalent chromium in workplace air – a continuing problem!**

**Dr. Owen Butler, EVISA, Health and Safety Executive, Sheffield; United Kingdom**

**16:30 Round table discussion**

**17:30 End of the first workshop day**



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**Tuesday: May, 4<sup>th</sup> 2004**

**9:00** Out coming legislation on Cr(VI) in car industry and Cr(VI) determination in samples related to car industry

**Dr. Fabienne Séby**, EVISA, ADERA, Pau, France

**9:45** Chromium in cement: Legislative and analytical demands

**Dr. Tomaž Vuk**, Cement Industry Salanit Anhovo, Anhovo, Slovenia

**10:15** Coffee break

**10:30** Chromium in leather: Legislative and analytical demands

**Mr. Mitja Urbanc B.Sc**, EVISA, Leather Industry Vrhnika, Vrhnika, Slovenia

**11:00** Discussion

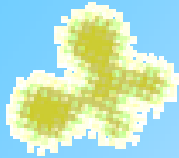
**12:30** Lunch Break

**14:00** Training course on chromium speciation

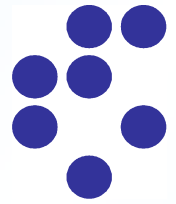
**16:00** Coffee break

**16:15** Round table discussion and concluding remarks

**17:45** Closing of the workshop



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Accommodation will be arranged in good quality hotels

**HOTEL PRENOČIŠČA MRAK\*\*\*** <http://www.daj-dam.si/slo/Mrak/mrakmain.htm> 61,00 EUR  
and  
**CITY HOTEL TURIST \*\*\*** <http://www.slovenia-tourism.si/?hotel=1259&lng=2> 66,00 EUR

**THE ORGANISER WILL BOOK THE ROOMS FOR THE PARTICIPANTS AND CARE ABOUT THE TRANSPORTATION TO THE JOŽEF STEFAN INSTITUTE**  
(If the participant wants a higher price hotel, a remarque should be made on the registration form under "suggestions")

For the EVISA partners there is no workshop fee.

For partners from industry (non members of EVISA) the workshop fee is 150 € (tax included).

Payment of the workshop fee:  
before 15. March 2004 150 € and 200 € for later payments

**Participants from SLOVENIA**

Bank details for the transfer:

TRR: 01100-6030344242 at UJP Ljubljana

Reference for payment: »Workshop fee Cr speciation«.

Please indicate the name of participant, the address of the payer and the tax number of the payer.

**Participants from OTHER COUNTRIES**

Bank details for the transfer:

Account holder: Jožef Stefan Institute, Jamova 39, 1000 Ljubljana, Slovenia

Account number: 02923-0017445105

Bank name: NOVA LJUBLJANSKA BANKA d.d.

Bank address: Trg Republike 2, 1520 Ljubljana, Slovenia

IBAN: SI56029230017445105

S.W.I.F.T. code: LJBASI2X

Reference for payment: »Workshop fee Cr speciation«

Please indicate the name of participant and the address of the payer.

**Possible alternative:**

Paying by credit card. Please indicate the following:

Last name:

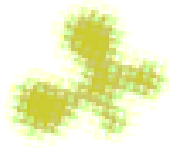
First name:

Card number:

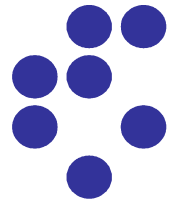
Expiration date (month and year):

Kind of credit card: visa / master / eurocard /

Updated information about the workshop can be obtained from the web portal of the European Virtual Institute for Speciation Analysis (EVISA) at [http://www.speciation.net/Public/Events/EVISA\\_Cr\\_Workshop.html](http://www.speciation.net/Public/Events/EVISA_Cr_Workshop.html)



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## REGISTRATION FORM

First name:.....  
Family name:.....  
Title:.....  
Affiliation:.....  
Address:.....  
Zip code:.....  
City:.....  
Country:.....  
Fax:.....  
E-mail:.....  
Accommodation needed:.....YES.....NO.....  
EVISA participant:.....YES.....NO.....

Suggestions:

Signature:

Registration forms should be sent by fax or mail to:

Dr. Radmila Milačič  
Department of Environmental Sciences  
Jožef Stefan Institute  
Jamova 39  
1000 Ljubljana  
SLOVENIA

Fax: + 386 1 251 93 85