

Závěrečná zpráva o řešení projektu za rok 2015

Programový projekt AKTION

AKTION Česká republika - Rakousko

Dům zahraničních služeb, Na Poříčí 1035/4, 110 00 Praha 1, Tel. +420 221 850 506, 602 169 216, web: www.dzs.cz, e-mail: aktion@dzs.cz

Partnerská země: Rakousko	
Číslo projektu: 72p6	
<i>Název projektu:</i> 7. bilaterální česko-rakouský odborný seminář: Nové trendy v aplikaci foto a elektro katalýzy <i>Project title:</i> 7th bilateral Czech-Austrian scientific workshop: New trends in application of photo and electro catalysis	
Řešitel projektu v ČR: Prof. Dr. Ing. Josef Krýsa	Řešitel v partnerské zemi: Assoc. Prof. Dr. Guenter Fafilek
Dosažené výsledky – plnění cílů projektu: The 7 th Czech - Austrian workshop „New trends in application of photo and electro photocatalysis“ was a successful continuation of the conference series organized jointly by University of Chemistry and Technology, Prague and Vienna University of Technology. The Workshop program was finalized before the start of the workshop in cooperation with partner institution in Austria (enclosed as Annex I). Workshop was held three days from 25 th to 27 th May 2015 in Hnanice (Czech Republic). The planned number of participants from Austria was 11 and from Czech Republic it was 23. One student and 3 teachers from Austria could not attend the workshop, so they were replaced by Czech participants. The number of Czech participants was thus 27 (including 10 students). The topic was focused to the recent advances of photoelectrocatalysis and electrochemistry in respect to their application in environment cleaning and alternative energy production. The workshop was attended by new undergraduate and PhD students enrolled at UCT Prague, Technical University Brno and University of South Bohemia in České Budějovice in 2014. It is possible to say that similarly as 5 th and 6 th workshop also the 7 th workshop represented all positive aspects of a small specialised international conference. Participants were from six Czech institutions : University of Chemistry and Technology, Prague, Jaroslav Heyrovsky Institute of Physical Chemistry, ASCR, Institute of Chemical Process Fundamentals, ASCR, Faculty of Chemical Technology, Technical University Brno, Institute of Physics AS CR, University of South Bohemia in České Budějovice; and from two Austrian institutions : Vienna University of Technology and University of Salzburg. Beside this there was one participant from France (CNRS Mendon-Bellevue). The objective of the workshop was to exchange of experience and recent findings in the field of semiconductor photocatalysis, dye sensitised solar cells, electrochemically prepared self-organised structures, AOP for water treatment, fuel cells, electrochemical engineering and modelling of electrochemical processes. Workshop was very useful for students, who can present their results at the international forum and at the same time listen to talks of the experts in the field. All contributions were well accepted and appreciated, and the discussions among the participants were found beneficial.	

In the project application it was planned to publish the Proceedings of the 7th Czech-Austrian workshop. Proceedings was printed in December 2015.

The template of Proceedings contributions (2-4 pages) were created and together with Workshop program were then send to all the participants. Participants were then asked to send their contributions between June – July. 24 contributions of presenting authors to Proceedings were received. Editor of Proceedings was: Prof. Dr. Ing. Josef Krýsa. First of all submitted contributions were edited from scientific point of view. Some manuscripts were returned to authors for revisions. Then the language of all the manuscripts has been checked.. The final correction of the proceedings was done jointly by Workshop chairman (Josef Krýsa) and by Austrian partner (Guenter Fafilek).

Finally Proceedings (ISBN 978-80-7080-931-0) were published and distributed in December 2015 to all participants (Annex II).

	<i>Jméno a podpis řešitele projektu:</i> Prof. Dr. Ing. Josef Krýsa <i>Telefon: 220444112</i>	<i>Jméno a podpis statutárního zástupce organizace:</i> <i>Telefon:</i>
--	-----------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------

Anex I. Workshop program

Anex II: Proceedings of the 7th Czech-Austrian workshop

Anex III. Statement of account