

Závěrečná zpráva o řešení projektu za rok 2025



Programový projekt **AKTION**

AKTION Česká republika - Rakousko

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Partnerská země:	Rakousko
Číslo projektu:	101p18
<i>Název projektu:</i> 12. bilaterální česko-rakouský odborný seminář: Nové trendy ve foto a elektro katalýze	
<i>Project title:</i> 12 th bilateral Czech-Austrian scientific workshop: New trends in 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 project results):

The 12th 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 institutions in Austria (**enclosed as Annex I**). **Workshop was held 3 days from 1st October – 3rd October 2025 in Hnanice (Czech Republic). The planned number of participants was 36, 10 from Austria and 28 from Czech Republic. Finally, there were less attendees of the workshop than planned according to the project proposal, 36 – 5 from Austria and 31 from CR.** Attendees from other countries (listed in the Annex I) paid the full conference fee and their attendance was not covered by the AKTION programme.

Part of the planned cost for 5 Austrian participants was spent to cover the attendance of additional 3 participants from Czech Republic, part was returned to the Budget of Aktion.

The preliminary Workshop program was sent to all the participants in June 2025. Participants were asked to send their contributions in August 2025. Finally, 32 contributions of presenting authors to Proceedings were received. First of all, the submitted abstracts of presentations were edited from a scientific point of view, then the language of all the abstracts has been checked. The final correction of the proceedings was done jointly by the Workshop chairman (Josef Krýsa) and by the Austrian partner (Guenter Fafilek).

The topic of the workshop 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 in 2024.

It is possible to say that similarly as the previous workshop also the 12th workshop represented all positive aspects of a small specialised international conference. Participants were from five Czech institutions: University of Chemistry and Technology, Prague, Jaroslav Heyrovsky Institute of Physical Chemistry, ASCR, Faculty of Chemical Technology, Technical University Brno, Institute of Physics AS CR, Technical University Ostrava and from two departments of one Austrian institution: Vienna University of Technology. Beside mentioned institutions, there was 1 participant from Slovak University of Technology in Bratislava and 2 participants from Slovenia National Institute of Chemistry.

The objective of the workshop was to further intensify the exchange of experience and new ideas in the field of semiconductor photocatalysis, EPR spectroscopy, dye-sensitised solar cells, electrochemically prepared self-organised structures, AOP for water treatment, fuel cells, electrochemical engineering and modelling of electrochemical processes. Workshop was especially useful for students, for most of them it was one of the first opportunities to present their results at the international forum. All contributions were well accepted and appreciated, and the discussions among the participants were found beneficial.

Financial requirements in the Czech Republic- 2025

The number of participants of the 12th workshop funded by the Aktion programme was 36. In the framework of the project, costs were spent for 13 students (MSc. and PhD.) and also for 23 academic teachers and young researchers with a PhD. On the Austrian side costs for 2 students and 3 academic teachers and researchers, on the Czech side costs for 11 students and 20 academic teachers and researchers. In total, the costs for 5 Austrian participants and 31 Czech participants were spent.

Cost connected with the holding of the 12th workshop in 2025

i) Accommodation for 36 participants:

2 nights academic (20 CR, 3 AT researchers,) – 2000 CZK /day	92 000 CZK
2 nights student (11 CZ, 2 AT students) - 1500 CZK/day	39 000 CZK
Total accommodation cost	131 000 CZK

ii) Subsistence allowance:

Austrian participants –3 teachers and researchers, 3 days, 900 CZK /day	8 100 CZK
Austrian participants –2 students, 3 days, 700 CZK /day	4 200 CZK
Czech participants - 20 academic, 11 students, 3 days, 398 CZK /day	37 014 CZK

Total subsistence cost: 49 314 CZK

iii) rent of the conference room –	12 000 CZK
overheads/ administration of the project / 10 %	20 000 CZK
Total other cost	32 000 CZK

ii) Fare of Czech participants

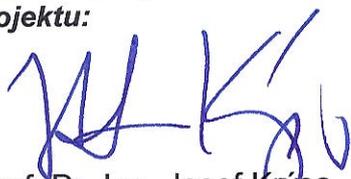
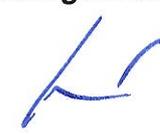
Travel expenses of the chairman to Austria	2000 CZK
Transportation by cars to the Workshop, 4 cars, 3000 CZK /car	12000 CZK
Total travel cost	14 000 CZK

Total cost (2025) = 131000 + 49314 + 32000 + 14000 = 226 314 CZK

Refund

As the total cost of the project in 2025 is 226 314 CZK, the amount approved for this project by the Aktion programme committee and given in the decision was 242 035 CZK, the total refund amount is 13 721 CZK.

Total refund 2025.....13 721 CZK

<p>V Praze dne: 19.01. 2026</p>	<p>Jméno a podpis řešitele projektu:</p>  <p>Prof. Dr. Ing. Josef Krysa Telefon: 220444112</p>	<p>Jméno a podpis statutárního zástupce organizace:</p>  <p>prof. Ing. Pavel Novák, Ph.D. prorektor pro vědu a výzkum (na základě plné moci)</p> <p>Telefon: 220 44 5026</p>
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List of annexes:

Annex I: 12th Workshop program and list of participants

Annex II: Statement of account 2026

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