



Recruitment for the SHENG-1 Project in the Team of Photocatalysis: *Photocatalytic reduction of carbon dioxide based on p-type semiconductors*

Position: **PhD student**

Institution: Faculty of Chemistry, Jagiellonian University in Kraków, Poland

in cooperation with: Wuhan University of Technology, China

Period of stipend agreement: 35 months

Position starts on: October 1st, 2020

Stipend's amount: 3000 zloty/month (tax-free)

Selected goals of the project:

Within the project, we intend to develop photocatalysts based on *p*-type semiconductors, used alone or in combination with *n*-type semiconductors, for a more efficient solar fuels production encompassing one- and multi-electron CO₂ reduction.

Description of scientific interests of the Team of Photocatalysis and a brief description of the project can be found at www.photocatalysis.eu or <http://fotokataliza.pl/sheng-1/>

Profile of candidates:

- ✓ master degree in chemistry or related disciplines (*e.g.*, materials science)
- ✓ good background in inorganic chemistry, material science and photochemistry
- ✓ high motivation for scientific work
- ✓ research experience will be advantageous
- ✓ good command in English

Required documents:

- ✓ motivation letter with description of candidate's research interests
- ✓ curriculum vitae including: list of awards, papers, conference presentations, trainings
- ✓ degree certificates
- ✓ a letter of recommendation

Principal Investigator: prof. dr hab. Wojciech Macyk

Address for applications: macyk@chemia.uj.edu.pl

Closing date: July 28th, 2020

We thank all candidates for their interests. We will contact with the best candidates only.