Ing. Jiří Kubásek Ph.D.

Born: 23.12.1985 in Benešov, Czech Republic

Education

20010–17: University of Chemistry and Technology, Prague, Czech Republic, field: Physical Metallurgy, Ph.D. study (Ph.D. title);
2008–10: University of Chemistry and Technology, Prague, Czech Republic, field: Metallic materials, M.S. degree (Ing. Title);
2005–08: University of Chemistry and Technology, Prague, Czech Republic, field: Chemistry and technology of materials, bachelor degree (Bc. Title);

Professional career

2017– : Research fellow at the Department of Functional Materials, Institute of Physics of the Czech Academy of Sciences, Prague;
2010– : Research fellow at the Department of Metals and Corrosion Engineering, University of Chemistry and Technology, Prague;

Awards

2014: Josef Hlávka Award for Best Students and Graduates of Prague Public Colleges, Brno Techniques and Young Talented Workers of the Academy of Sciences of the Czech Republic;

Research activities

Physical metallurgy, rapid solidification including centrifugal atomization and melt-spinning technology, mechanical alloying, thermomechanical treatment, corrosion, scanning electron microscopy, mechanical testing, glow discharge spectroscopy.

Teaching activities

Lectures from Inorganic Materials of Monuments, lectures from Metallic materials for restorers, Laboratories of scanning electron microscopy, glow discharge spectroscopy, mechanical testing, powder metallurgy, supervisor of 6 defended diploma theses and 6 defended bachelor theses, consultant of 14 other successfully defended theses.

Participation in research and industrial projects

An active member of several projects including projects of Czech Science Foundation (6x), Technology Agency of the Czech Republic (4x), Ministry of the Interior of the Czech Republic (1x).

Publication activity

- 74 papers on the Web of Science,
- 100 documents on Scopus,
- 958 citations without self-citations according to the Web of Science,
- 1369 citations according to the Scopus,
- 21 contributions on conferences,
- 3 utility models

- h-index (according to Web of science) = 17,
- h-index (according to Scopus) = 18.

Current contacts with foreign institutions

Institute of Materials and Machine Mechanics SAS, Bratislava, Slovak Republic (Dr. František Simančík, Ing. Miroslav Čavojský, PhD)
Warsaw University of Technology, Poland (Prof. Jaroslaw Mizera, Ing. Anna Dobkowska, PhD),
Institute of Metals and Technology, Ljubljana, Slovenia (doc. Dr. Matjaž Godec, Dr. Črtomir Donik)
Metal Industries Research Development Centre, Taiwan (Dr. Wei Te Chen)