PhD
Metallurgy of Non-Ferrous Metals
Key Information

Duration:
4 years (this period can be shorter depending on the availability of a PhD thesis)

Language:
English

Entry Requirements:
Master’s degree in Chemistry, Physics, Material Science or Metallurgy (transcript of records), an adequate level of English proficiency (certificate or another document)

Tuition fees (2015/2016):
€ 1,850 (the cost does not include accommodation and living expenses).

Accommodation:
on-campus accommodation is available.
Costs (2015/2016):
single ensuite room: € 45 per month,
twin ensuite room: € 30 per month.

Practicalities:
airport transfer, an invitation letter to apply for a Russian study visa and an optional survival course of Russian as a foreign language are provided by Siberian Federal University.

Further details:
SibFU’s Graduate School
aspirantura@sfu-kras.ru,
tel.: +7 391 291-28-31

Programme Leader

Professor Petr Polyakov’s research interests are high-temperature electrochemical processes, electrometallurgy of aluminium and electrolyzer design.

Overview

Doctoral students do research at the Laboratory of Metallurgy of the Light Metals under the supervision of Professor Petr Polyakov. Their research focuses on studying high-temperature electrochemical processes and designing new types of environmentally friendly and energy efficient electrolyzers.

Contacts

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Publications


Other research areas

Autoclave processes with participation of precious metals;
Recycling spent automotive and industrial catalysts;
Extractive metallurgy of non-ferrous metals.

Publications


University

Siberian Federal University (SibFU) with over 35 000 students is one of the most vibrant Russian universities. Annually, more than 200 visiting professors – leading researchers from the UK, Germany, Spain and USA – visit SibFU to give lectures and attend conferences.
Siberian Federal University receives funding from the RF Government that supports research projects developed under the supervision of prominent Russian scientists and international researchers.
One of the research projects is carried out at the laboratory created in 2014 and supervised by Professor Ari Laptev (Imperial College London. KTH, Director of Institut Mittag-Leffler). The laboratory staff includes SibFU’s professors August Tsikh, Alexander Kytmanov, and Sergey Tsarev.