

## Curriculum Vitae

### Basic data



**Name:** Gábor Mucsi

**Date of Birth:** 12/04/1979

**Place of Birth:** Miskolc, Hungary

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### Research field and activity:

Main research fields:

- Grinding (superfine grinding) in high energy density mills.
- Mechanical activation.
- Utilization of solid wastes.
- Development of added-value products from industrial wastes (fly ash, slags, red mud,...)
- Development of grindability methods.

### Education activity:

The following subjects are run under my supervision in the last 3 years:

- Comminution-agglomeration BSc
- Mineral preparation 1. BSc
- Processing of mineral raw materials 1. BSc
- Food- and Pharmaceutical process engineering MSc
- Fundamentals of process engineering BSc
- Energetical process engineering MSc
- Process engineering for construction industry MSc
- Preparation of industrial wastes BSc

### Work experience

Mr. Gábor MUCSI was graduated as Mineral Processing Engineer at University of Miskolc, Hungary in 2002. Since than he was a PhD student until 2005 and thereafter he has been working as research engineer until 2009 for University of Miskolc, Institute of Raw Materials Preparation and Environmental Processing. He defended his PhD in 2009.

2013- Deputy Dean, University of Miskolc, Faculty of Earth Science and Engineering

2012- Associate Professor, University of Miskolc

2010-2012 Assistant Professor, University of Miskolc

2009-2010 Lecturer, University of Miskolc

### *Honors and Prizes:*

- 2000 Brunhilde Brauer Prize
- 2001/02 Scholarship of the Republic of Hungary
- 2003 National Conference of Scientific Students' Associations, II. place,
- 2008/09 Deák Ferenc Award
- 2009 MAB Scientific Prize
- 2011 Excellent Consultant Award, University of Miskolc
- 2012 Honor for Higher Education in Environmental Protection, Hungarian Chamber of Engineers, Section Environmental Protection
- 2012 Excellent Consultant Award, University of Miskolc
- 2012 Carmeuse Innovation Award
- 2015- Bolyai János Research Scholarship

### *Participation in professional committee's and associations, etc.:*

- from 2000 member of the Hungarian Miners and Metallurgist Association (OMBKE).
- from 2010 member of the Scientific Society of the Silicate Industry.
- from 2015 president of the Cement Division of the Scientific Society of the Silicate Ind.
- 2005 and 2007 member of the The Minerals, Metals and Materials (TMS).
- from 2012 member of the International Mineral Processing Congress (IMPC-IAC) International Advisory Committee.
- Member of the Public Body of the Hungarian Academy of Sciences since 2010
- Secretary of Mining Scientific Committee, Mining, Geotechnical and Raw Material Subcommittee of Hungarian Academy of Sciences (since 2013)

### *Language skills:*

- English Medium
- French Medium
- German Basic

### *International activity:*

International education activity: EMEC (European Minerals Engineering Course) from 2013 taking part in the Erasmus program from 2009 as guest lecturer in every year.

International project activity:

Recycling of EAF dust by integrated leach-grinding process, EU FP 6, (2005-2007)

Tailoring of geopolymer properties by mechanical activation of fly ash, Indo-Hungarian T&T (2012-2014)

Cost Action TU 1404 - Towards The Next Generation of Standards for Service Life of Cement-Based Materials And Structures

### *List of Publication*

[https://vm.mtmt.hu//search/slist.php?nwi=1&initd=1&ty\\_on=1&url\\_on=1&cite\\_type=2&...](https://vm.mtmt.hu//search/slist.php?nwi=1&initd=1&ty_on=1&url_on=1&cite_type=2&...)

[https://www.researchgate.net/profile/Gabor\\_Mucsi](https://www.researchgate.net/profile/Gabor_Mucsi)

<https://scholar.google.hu/citations?user=WH7LAUEAAAAJ&hl=hu&oi=ao>