



Dr Milan Trumić

Full Professor

Basic information: **Address:** Vojske Jugoslavije 12, 19210 Bor
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Education:

1990
BSc in Mining, Mineral Processing
University of Belgrade, Technical faculty in Bor,
Department for Mineral and Recycling Technologies

1998
MSc in Mining, Mineral Processing
University of Belgrade, Technical faculty in Bor,
Department for Mineral and Recycling Technologies

1999
PhD in Mining,
University of Belgrade, Technical faculty in Bor,
Department for Mineral and Recycling Technologies

Work experience:

1990 – 1993
Operating engineer in Bor and Krivelj flotation
Mining and Smelting Company Bor, Flotation plant in Bor and Veliki Krivelj

1993
Manager of flotation tailings
Mining and Smelting Company Bor, Flotation plant in Veliki Krivelj

1993 – 1995
Technical Director of production in Veliki Krivelj flotation
Mining and Smelting Company Bor, Flotation plant in Veliki Krivelj

1995 – 1998

Teaching Assistant
 University of Belgrade, Technical faculty in Bor,
 Department for Mineral and Recycling Technologies,

1998 – 2000

Teaching Assistant
 University of Belgrade, Technical faculty in Bor,
 Department for Mineral and Recycling Technologies,

2000 – 2004

Assistant professor
 University of Belgrade, Technical faculty in Bor,
 Department for Mineral and Recycling Technologies

2004 – 2014

Associate professor
 University of Belgrade, Technical faculty in Bor,
 Department for Mineral and Recycling Technologies

2014 –

Full professor
 University of Belgrade, Technical faculty in Bor,
 Department for Mineral and Recycling Technologies

Engagement on subjects (Teaching courses) :

Comminution and Classification – UAS, modules MP and RTSD

Waste Management and Treatment – UAS, UAS, module RTSD

Dewatering and tailings – UAS, UAS, module MP

Theoretical basis for the preparation of master work – MAS, modules MP and RTSD

Basics of design in Mineral Processing – MAS, module MP

The theory of the process of comminution and classification of raw materials – DAS, rudarsko inženjerstvo

Methodology of scientific research – DAS, Mining Engineering

Areas of interest:

Kinetic Models of Crushing and Classification of Mineral Raw Materials, Preparation of Technical Documentation in the Field of Mineral Processing, Mineral and Recycling Technology, Solid Waste Management, Development of Action Plans in the Field of Environmental Protection.

Projects:

JST SATREPS "Research on the Integration System of Spatial Environment Analyses and Advanced Metal Recovery to Ensure Sustainable Resource Development", Serbia-Japan, 2014-2020

TR 33007: " Implementation of modern technical, technological and ecological solutions in the existing production systems of the Copper Mines Bor and the Copper Mine Majdanpek ", Ministry of education, science and technological development of Republic of Serbia

The most important references:

- **Trumić M.**, Magdalinovic N.: New model of screening kinetics, Minerals Engineering, Vol 24, No 1, 2011, pp. 42-49., (ISSN: 0892-6875), IF: 1,352.
- Magdalinovic N., **Trumić M.**, Trumić G., Magdalinovic S., Trumić M., Determination of the bond work index on samples of non-standard size, International Journal of Mineral Processing, Vol 114–117, 2012, pp. 48–50., (ISSN: 0301-7516), IF: 1,378.
- Andrić Lj., Aćimović-Pavlović Z., **Trumić M.**, Prstić A., Tanasković Z.: Specific Characteristics of Coating Glazes Based on Basalt, Materials and Design, Vol. 39, No 7, 2012, pp.9-13., (ISSN: 0261-3069), IF=2,913.
- Magdalinović N., **Trumić Ž. M.**, Trumić M., Andrić Lj.: *The Optimal Ball Diameter in a Mill*, Physicochemical Problems of Mineral Processing, Vol 48, No 2, 2012, pp.5–15., (ISSN 1643-1049), IF=0,580.
- Andrić Lj., Aćimović-Pavlović Z., **Trumić M.**, Kostović M. Čalić N.: *Effect of Operating Parameters on the Mechanical Activation Process of Mica Powder*, Transactions of the Indian Ceramic Society, Vol. 71, No 3, 2012, pp.143-150., (ISSN 0371-750X), IF=0,132.
- Andrić Lj., Aćimović-Pavlović Z., **Trumić M.**, Kostović M.: *The Influence of Process Parameters' on the Structure and Properties of Mica Mechanically Activated in an Ultra Centrifugal Mill*, Journal of Ceramic Processing Research, Vol 13, No 4, 2012., pp. 470-475., (ISSN 1229-9162), IF=0,333.
- Andrić Lj., Terzić A., Aćimović-Pavlović Z., **Trumić M.**, Petrov M., Pavlović Lj.: *A Kinetic Study of Micronization Grinding of Dry Mica in a Planetary Ball Mill*, Advances in Materials Science and Engineering, Vol. 2013, 2013., pp.1-6., (ISSN 1687-6822), IF=0,500.
- Trumić S. M., **Trumić Ž. M.**, Vujić B., Andrić Lj., Bogdanović G.: Results of fibre and toner flotation depending on oleic acid dosage, Waste Management & Research, ISSN 1096-3669, Vol. 34, No. 9, pp. 969 - 974, 2016, [Impact factor (IF) 1,553/2015]
- Todorović D., Trumić M. S., Andrić Lj., Milošević V., Trumić M., A quick method for bond work index approximate value determination, Physicochemical Problems of Mineral Processing, ISSN 1643-1049, Vol. 53, No. 1, pp. 321 - 332, 2017, [Impact factor (IF) 0,977/2015]

Other activities:

- Member of the Steering committee of the Institute for technology of nuclear and other mineral raw material in two mandates (2005-2010)
- Elected for the correspondent member of the Engineering Academy of Serbia in 2011.
- Vice dean for finances at Technical faculty in Bor from 2009-2012.
- Member of the Council at Technical faculty in Bor since 2012-.
- Head of the department for mineral and recycling technologies at Technical faculty Bor since 2013-.
- Head of the Mining department since 2016-
- Chief editor for collection of works from scientific-expert gathering Environmental truth 2006, 2007 and 2008 and collection of works from scientific-expert gathering Recycling and sustainable development 2010, 2011, 2012, 2013, and 2017.
- Chief editor of national scientific journal "Recycling and sustainable development" since 2011-.
- Chief editor of national scientific journal "Journal of Mining and Metallurgy-Section A" from 2012-2017.