

NEW MEMBERS OF THE EDITORIAL BOARD



Assoc. Prof. Dr. Ivan Nishkov

Organizational Units:

University of Mining and Geology
“St.Ivan Rilski”, Department of Mineral
Processing and Recycling, Studentski grad,
1700 Sofia, Bulgaria

ACADEMIC CAREER:

Professional Details:

2009 - today: Vice Dean of Faculty of
Mines, University of Mining and Geology,
Sofia

2008 - today: Head of Department
“Mineral Processing and Recycling”,
University of Mining and Geology, Sofia

2002 - today: Associate Professor, Depart-
ment of Mineral Processing and Recycling

Birth:

May 11, 1946

Profile/Educational Data:

Associate Professor

Degrees

Ph.D.:

Institute of Physical Chemistry at the
Bulgarian Academy of Sciences, Sofia, 1983

Major:

Mineral Processing; Minors: Physical and
Colloid Chemistry

MEng.:

University of Mining and Geology, Sofia,
1970

Major:

Mineral Processing; Minors: Chemistry

Current Position:

Vice Dean of Faculty of Mines and Head
of Department “Mineral Processing and
Recycling”, University of Mining and
Geology, Sofia

1995 - today: President, MINTECH -
NBM Ltd., Sofia

1993 - 1995: Executive Director, Central
Laboratory of Mineral Processing, Bulgarian
Academy of Sciences

1992 - 1993: Visiting Consultant, Centro
de Investigación Minera y Metalúrgica,
Santiago, Chile

1990 - 1993: Deputy Director, Central
Laboratory of Mineral Processing, Bulgarian
Academy of Sciences

1989 - 1995: Associate Professor, Central Laboratory of Mineral Processing, Bulgarian Academy of Sciences

1986 - 1990: Research Director, Central Laboratory of Mineral Processing, Bulgarian Academy of Sciences

1986 - 1995: Head of Section, Physical and Chemical Methods in Mineral Processing, Central Laboratory of Mineral Processing, Bulgarian Academy of Sciences

1983 -1986: Senior Research Scientist, Flotation Laboratory, Institute of Physical Chemistry, Bulgarian Academy of Sciences

1978 - 1983: Research Scientist, Flotation Laboratory, Institute of Physical Chemistry, Bulgarian Academy of Sciences

1972 -1978: Research Engineer, Institute of Physical Chemistry, Bulgarian Academy of Sciences

Scientific and Professional Affiliations

Member:

Scientific Council of Applied Mineralogy and Mineral Processing, Bulgarian Academy of Sciences, 1986-1995.

Council of Problems of Colloids, Physico-Chemical Mechanics and Biophysical Chemistry at the Presidium of Bulgarian Academy of Sciences, 1986-1995.

General Assembly of Bulgarian Academy of Sciences, 1992-1993.

X BMPC Organizing Committee, Executive Committee and Editorial Committee, Varna, 2003.

General Assembly of University of Mining and Geology, today.

General Assembly of Faculty of Mines, today.

Faculty of Mines Council, today.

Mineral Processing and Recycling Department Council, today.

International Advisory Committee of the International Mineral Processing Congress, today.

International Scientific Committee of Balkan Mineral Processing Congress, today.

Balkan Academy of Science on Mineral Technologies, today.

Minerals, Metals and Materials Society, today

Consultant:

CODELCO-Chile, Division El Teniente, KAOLIN AD, MINSTROY HOLDING AD

Session Chairman:

XVI International Mineral Processing Congress, Stockholm, 1988.

X Balkan Mineral Processing Congress, Varna, 2003.

XI Balkan Mineral Processing Congress, Durres, 2005.

XXIII International Mineral Processing Congress, Istanbul, 2006.

XII Balkan Mineral Processing Congress, Delphi, 2007.

XIII Balkan Mineral Processing Congress, Bucharest, 2009.

Research, Teaching and Production Activities:

Research and development experience in mineral processing of ores, industrial minerals and rocks and related interfacial phenomena; fine particles processing (flotation, gravity separation and flocculation); waste water treatment and solid waste processing and recycling.

Teaching activities in mineral processing program at College of Mining, Kardjali and University of Mining and Geology, Sofia:

Bachelor's engineering courses: Gravity Concentration, Solid/Liquid and Solid/Air Separation, Basics of Mineral Processing and Recycling

Master's engineering courses: Waste Management, Physical Methods of Waste Water Treatment, Industrial Minerals and Rocks, Processing of Building and Rock-

Cladding Materials, Combined Methods in Mineral Processing and Recycling, Technological Estimation of Mineral Resources

Tutor of Master and PhD students.

Invited lecturer in Columbia University, New York; Institute for Surface Chemistry, Stockholm; Luleå University of Technology, Luleå; Boliden Mineral AB, Sweden; Outokumpo Research Center, Pori; CIMM, Santiago; CODELCO, Div. El Teniente, Rancagua; Universidad de Santiago de Chile.

Production of mineral fillers.

Publications, Patents and Projects:

Over 140 publications and patents in various national and international scientific journals, conference proceedings and books. Member and supervisor of scientific and technological projects in Bulgaria, Poland, Germany, USA, Sweden and Chile.

Awards:

World Invention Exhibition, Gold Medal for Method and Apparatus for Static Flotation, Nurnberg, Germany, 1980

Committee for Science and Technical Progress Award for New Process of Coating Kaolin Production, 1982

Grant from National Foundation "Structural and Technological Policy", Ministry of Education and Science, 1995.

Specialization Abroad:

1978: Institute for Mineral Processing, Freiberg, Germany, worked with Prof. H. Schulze.

1982-1983: Department of Mining and Mineral Technology, Columbia University, New York, worked with Prof. Sumasundaran

1987-1988: Mineral Section, Institute for Surface Chemistry, Stockholm, worked with Dr. R.Pugh.