

ACADEMY OF SCIENCES AND ARTS
OF THE REPUBLIC OF SRPSKA



XI INTERNATIONAL SCIENTIFIC CONFERENCE

**CONTEMPORARY MATERIALS
2018**

First Announcement

Banja Luka, September 2 to 3, 2018

www.savremenimaterijali.info

Organizers of the Scientific Conference

The Academy of Sciences and Arts of the Republic of Srpska is the organizer of the conference, with the support of Ministry of Science and Technology of the RS Government.

Goal of the Conference

The conference will focus on comprehensive and multidisciplinary consideration of current developments in the field of contemporary materials and their application in science, technology and industry.

Organizational Board

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Prof. dr Dragica Lazić, PhD

Prof. dr Pero Dugić, PhD

Prof. dr Slobodan Čupić, PhD

Work of the Conference

The work of the conference will take place within three symposia, with the opening lectures and poster presentations.

Framework thematic units

SYMPOSIUM A: Science of matter, condensed matter and physics of solid states

- classical, quantum and nano- approaches to the solid state of matter
- metals and alloys
- ceramics, composite materials and polymers
- optical materials
- magnetic materials
- inorganic nanomaterials
- methods and instruments for fluid characterization
- colloid materials
- eco-materials and eco-technology.

SYMPOSIUM B: Biomaterials and nanomedicine

- biopolymers
- synthetic polymers
- metal biomaterials
- ceramic and glass biomaterials

- composite biomaterials
- nanomaterials and nanotechnology in dentistry and pharmacy
- bionanoparticles, quantum dots in diagnostics and therapy
- bio-nanosensors and nanomedicine

SYMPOSIUM C: Water

- structure of water
- biological waters and liquid crystals
- aquaporins, extracellular and intracellular waters
- water metabolism and disease-causing agents
- exclusion of the zone in the water
- water spectroscopy and aquaphotomics
- water of nano-layers and nano-liquids
- nanomedicine on water basis

Time and place of conference

Scientific Conference “*Contemporary Materials 2018*” will take place from 2nd to 3th September 2018 in Banja Luka, in the building of the Academy of Sciences and Arts of Republic of Srpska.

Papers

Submission of papers

Abstracts and key words should be sent by [online submission](#) not later than on June 4, 2018, with the indication of the subject to which the paper may belong (full author names, institutions, and email address). Summary and key words, unlike the paper, should be written in both Serbian and the English language, font Times New Roman 9 points (Multilanguage support). The summary should comprise up to ten lines of written text.

Notification of preliminary acceptance of the paper will be delivered to the author/authors by July 4, 2018.

The deadline for submitting complete papers is August 1, 2018. Only papers submitted by this date are going to be incorporated in the Programme of the Conference.

The [online submission](#) of abstracts and papers is available at the web site www.savremenimaterijali.info.

Publishing of the papers

The work program will be available at the web site of the Conference by 20. August 2018, and printed and distributed during registration of participants. Accepted papers will be published in the Journal „*Contemporary materials*” and in the collection of the papers.

Presentations

In agreement with the Organizational Board of the Conference, interested institutions and companies may organize presentations of their scientific-research, development and production projects and programs, equipment and products. Presentations may last up to 30 minutes.

Information

Information about the conference is available by phone, at number: 051 333 700 or e-mail: info@savremenimaterijali.info.

Conference fee

The fee for participation in the Conference is 100 KM per paper.

The participants pays by themselves the accommodation.

The hotel "Bosna" in Banja Luka is going to have a discount for the participants of the Conference.

Web

Web presentation is available at the address: www.savremenimaterijali.info.

