

# “SARCOS” PhD Meeting

Novi Sad, Serbia  
7<sup>th</sup> – 8<sup>th</sup> March, 2019



University of Novi Sad – Faculty of  
Technology

**COST CA 15202 Self-healing as  
preventive repair of concrete  
structures**

## **COST CA 15202 Self-healing as preventive repair of concrete structures “SARCOS” PhD Meeting – Novi Sad, Serbia, 7<sup>th</sup> –8<sup>th</sup> March 2019**

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- Venue:** University of Novi Sad, Faculty of Technology  
Bul. cara Lazara 1, 21000 Novi Sad, Serbia
- Meeting Dates:** 7.3.2019 – 8.3.2019
- Chaired by:** Dr. Bojan Miljevic, ITC Manager  
Dr. Marta Roig Flores, ECI Manager  
Prof. Dr. Jonjaua Ranogajec, Host institution
- Organized by:** Prof. Jonjaua Ranogajec, Prof. Sinisa Markov, Dr. Bojan Miljevic,  
Dr. Marta Roig Flores, Dr. Snezana Vucetic, John Milan van der  
Bergh, Helena Hirszenberger, Ana Vidakovic, Olja Sovljanski

### **OBJECTIVE /SCOPE**

The SARCOS PhD Meeting is organized with the aim of presenting PhD/ECI's ongoing research on self-healing of concrete structures. An intention is that each participant highlights at the end of talk "How should the self-healing/repair topic improve during the next years to ensure their success?" with the issues in his/her research which are still to be developed. This will open the discussion as a round table where possibly he/she would find a solution how to overcome a certain scientific problem. This could initiate possible future collaborations between PhD students and ECI researchers within the members of SARCOS action. The issues on how to apply for the STSM and/or Conference Grant will be discussed as well. The second part will be focused on the introduction to the Heritage Lab activities and its equipment with the hands-on practical training of participants.

### **HOW TO APPLY**

The applicants should prepare the following documents:

- Abstract of the PhD/ECI research
- Short CV
- Letter of Recommendation by home institution

To be sent by e-mail to the address:

[heritagelab@tf.uns.ac.rs](mailto:heritagelab@tf.uns.ac.rs)

with CC to: Dr. M. Sánchez Moreno

[msmoreno@uco.es](mailto:msmoreno@uco.es)

Dr. M.J. Bayarri Clariana

[ghmanager.upv@gmail.com](mailto:ghmanager.upv@gmail.com)

## DEADLINE

*Deadline for applications*

**December 21<sup>st</sup> 2018**

*Deadline for the evaluation of the applications*

**January 15<sup>th</sup> 2019**

## CONTACT

Dr. Bojan Miljevic ([miljevic@uns.ac.rs](mailto:miljevic@uns.ac.rs))

Dr. Marta Roig Flores ([marta.roig@ietcc.csic.es](mailto:marta.roig@ietcc.csic.es))

Organization: Laboratory for Materials in Cultural Heritage ([heritagelab@tf.uns.ac.rs](mailto:heritagelab@tf.uns.ac.rs))

## Scientific Committee

Dr. Bojan Miljevic (Co-chair)

Dr. Marta Roig Flores (Co-chair)

Dr. Ana M. Armada Brás

Dr. Biljana Angjusheva

Dr. Cristina De Nardi

Dr. Eduardo B. Pereira

Dr. Elke Gruyaert

Dr. Estefanía Cuenca Asensio

Dr. Fabiano Tavares Pinto

Dr. Girts Bumanis

Dr. José Luis García Calvo

Dr. Julia García Gonzales

Dr. Litina Chrysoula

Dr. Pavel Reiterman

Dr. Riccardo Maddalena

Dr. Robert Davies

Dr. Snezana Vucetic

Dr. Snoeck Didier

Dr. Suleyman Bhadir Keskin

Dr. Yıldırım Gürkan

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## Administrative and financial support from SARCOS CA 15202

Dr. M. Sánchez Moreno ([msmoreno@uco.es](mailto:msmoreno@uco.es))

Dr. M.J. Bayarri Clariana ([ghmanager.upv@gmail.com](mailto:ghmanager.upv@gmail.com))

## Preliminary Agenda

Thursday, 7.3.2019		Friday, 8.3.2019	
8:30-9:00	Registration		
9:00-9:15	Welcome, Prof. Dr. J. Ranogajec Dr. B. Miljevic	9:00-10:30	Presentations of the PhD/ECI researchers
9:15-10:45	Presentations of the PhD/ECI researchers		
10:45-11:15	Coffee break	10:30-11:00	Coffee break
11:15-13:15	Presentations of the PhD/ECI researchers	11:00-13:00	Presentations of the PhD/ECI researchers
13:15-14:00	Lunch break	13:00-14:00	Lunch break
14:00-16:00	Hands-on practical: Laboratory for materials in cultural heritage and Biotechnology laboratory – Part 1 (Work in small groups)	14:00-16:00	Hands-on practical: Laboratory for materials in cultural heritage – Part 2 (Work in small groups)
16:00-17:30	Discussion round table, networking with coffee and cookies	16:00-17:30	Discussion round table, networking with coffee and cookies
17:30-19:00	Guided city tour with site seeing	17:30-18:00	Closing remarks
19:00-21:00	Dinner	18:00-	Free time

The work in small groups during the hands-on practical training comprises several characterization techniques offered by the Laboratory for materials in Cultural Heritage: in-situ X-Ray Fluorescence (XRF), in-situ Fourier Transform Infra-red Spectroscopy (FTIR), polarization optical microscopy, digital microscopy, Hg porosimetry, specific surface measurements (BET), as well as the preparation of the building material samples for optical microscopy.