"SARCOS" PhD Meeting
Novi Sad, Serbia
7th – 8th March, 2019

University of Novi Sad – Faculty of Technology

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

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 Hirsenberger, 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
with CC to: Dr. M. Sánchez Moreno msmoreno@uco.es
Dr. M.J. Bayarri Clariana ghmanager.upv@gmail.com
DEADLINE

Deadline for applications: December 21st 2018
Deadline for the evaluation of the applications: January 15th 2019

CONTACT

Dr. Bojan Miljevic (miljevic@uns.ac.rs)
Dr. Marta Roig Flores (marta.roig@ietcc.csic.es)
Organization: Laboratory for Materials in Cultural Heritage (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. Estefania 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
...

Administrative and financial support from SARCOS CA 15202
Dr. M. Sánchez Moreno (msmoreno@uco.es)
Dr. M.J. Bayarri Clariana (ghmanager.upv@gmail.com)
### Preliminary Agenda

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