

Title	Organisers	Description	Place/Date
How does corrosion influence the health of concrete?	Javier Sánchez Montero Nuria Rebolledo Ramos Julio Torres Martin Researchers in the Reinforcement Corrosion and Structural Safety Group of the Eduardo Torroja Institute of Spanish National Research Council (CSIC)	The knowledge of different types of degradation of the reinforced concrete structures is important to know the decrease of durability in a specific environment and to evaluate the possible solutions. Corrosion on the reinforcing steel of a concrete structure is one of the main causes of failure. This corrosion can be basically due to the entry of aggressive agents such as CO <sub>2</sub> and chloride ion. In this workshop we will make measurements by non-destructive tests that help to evaluate the state of the reinforcing steel as well as tests to know the state of the concrete exposed to these aggressives.	April 24th, 2020, Eduardo Torroja Institute, Calle Serrano galvache 4, 28033 Madrid, Spain.
Predicting corrosion protection: First sight at Electrochemical Impedance Spectroscopy	Leonardo Bertolucci Coelho, Luciane Sopchenski Santos. Materials Science Department, University of Mons, Belgium.	How is it possible to predict if a material will or will not corrode in a particular environment? In this one-day event, high school students will answer this question by enrolling in hands-on activities. Participants will learn about the basics of Electrochemical Impedance Spectroscopy (EIS) and how to fit an equivalent electrical circuit model. During the practice, the students will be able to see the protective nature of inhibitors and coatings, and how those features are currently used in different industries.	April 24th, 2020, UMONS, Rue de l'Epargne 56, 7000 - Mons, Belgium.
Hungarian Corrosion Awareness Day	Dorina Kovács, HUNKOR (Hungarian Corrosion Society)  Balázs Varbai, Budapest University of Technology, Department of Materials Science and Engineering	Apply with a short video, short presentation, article, ppt, or audio ppt to promote the importance of corrosion protection together! Also, we are launching a photo competition with the motto: corrosion in my home! We look forward to any photo taken under the #stayathome hashtag so that it could be any appearance of backyard corrosion, garden equipment corrosion, or even corrosion seen during your daily health walk! To apply, send an email to kovacs.dorina@edu.bme.hu. The email should include the photo, the location of the corrosion, the possible corrosion type, and the name and workplace of the applicant. The event will take place on the Facebook page of the Hungarian Corrosion Association (HUNKOR)! On the corrosion awareness day the submissions, short sign-ups, and the winner of the announced photo competition will be announced, who will also be awarded by HUNKOR! Your application is welcome by April 22 at kovacs.dorina@edu.bme.hu / varbai.balazs@edu.bme.hu.	<a href="http://www.att.bme.hu/en/news/2020_huncor_day">http://www.att.bme.hu/en/news/2020_huncor_day</a>
Corrosion, how can we avoid it?	Sonia García, Belén Torres, Joaquín Rams Universidad Rey Juan Carlos, Madrid, Spain	This workshop will show the different corrosion protection techniques used by the Surface Engineering research group, belonging to the area of Materials Science and Engineering of the Rey Juan Carlos University. Our strategies focus on the manufacture of coatings by HVOF and the Dip Coating technique, as well as on obtaining a surface with improved properties by laser surface modification. Likewise, the different tests that we perform to obtain corrosion velocity measurements will be shown. What is our objective? Act directly on the problem that affects so many industries, the corrosion.	Departamental I, campus de Móstoles, Universidad Rey Juan Carlos, Madrid, Spain

<p>Corrosion Photographic Competition Online Technical Presentation</p>	<p>Engr. Ameer Farooq, Secretary, NACE Islamabad Pakistan Section, NACE Islamabad Pakistan Section &amp; Department of Metallurgy and Materials Engineering University of the Punjab, Quaid-e-Azam Campus, Lahore, Pakistan</p>	<p>Corrosion Photographic Competition Description of Event: As per Corrosion Awareness Day, an event titled Corrosion Photographic Competition is planned to develop a better understanding for students at graduate and undergraduate level from different universities of Pakistan. The corrosion/inspection professional working in the field can also participate. The aim is to be able to identify corrosion issues from everyday life/ surrounding, investigate/study to identify the cause, give possible reason and suggest the possible remedy for the same. The submission shall include the photograph/s and along with brief write up as per above. A panel of experts shall review the submission and grade the submission. The top three participants shall receive certificates. The event shall be conducted jointly by the NACE Islamabad Pakistan Section and Department of Metallurgy and Materials Engineering, University of Punjab, Lahore, Pakistan. Registration Firstly, register yourself by filling the online registration form on the following link before 10th April 2020: <a href="https://docs.google.com/forms/d/e/1FAIpQLSd8Amzju9-JE6Jg7eHsAFm4Glx0cdjz2ubRjgeelEaUbgmCg/viewform?usp=sf_link">https://docs.google.com/forms/d/e/1FAIpQLSd8Amzju9-JE6Jg7eHsAFm4Glx0cdjz2ubRjgeelEaUbgmCg/viewform?usp=sf_link</a> After filling that registration form, you will receive the template and rules of the photographic competition through email.  Online Technical Presentation Description of Event: As a part of the World Corrosion Day Event, we wish to invite professional</p>	<p><a href="https://docs.google.com/forms/d/e/1FAIpQLSd8Amzju9-JE6Jg7eHsAFm4Glx0cdjz2ubRjgeelEaUbgmCg/viewform?usp=sf_link">https://docs.google.com/forms/d/e/1FAIpQLSd8Amzju9-JE6Jg7eHsAFm4Glx0cdjz2ubRjgeelEaUbgmCg/viewform?usp=sf_link</a></p>
<p>CORROSION OF MATERIALS USED IN ENERGY INDUSTRY:</p>	<p>Susana Merino Oviedo Gonzalo de Diego Velasco Marta Navas Rumayor CIEMAT. Avda. Complutense, 40 - 28040 (Madrid)</p>	<p>Stainless steels are materials widely used in the energy sector due to their good behavior against corrosion. These materials form a protective layer chromium oxide on their surface. However, at high temperatures and in some environments, this protective layer can be altered resulting in corrosion phenomena. The knowledge of these processes allows us to take measures to extend the life of the materials. WHAT WILL WE DO ? In this workshop, will visit the facilities where the corrosion tests are carried out simulating plants conditions. The equipments employed for the analysis will be shown, and some materials failed in service can be observed using electron microscopy techniques.</p>	<p>CIEMAT. Avda. Complutense, 40 - 28040 (Madrid)</p>
<p>mCBEEs Corrosion videos</p>	<p>Live Mølmen, Department of Electrification and Reliability, Research Institutes of Sweden. Salil Sainis, Department of Materials and Manufacturing, Jönköping University. Sabrina Patricia Rosoiu, Center for Surface Science and Nanotechnology, University Politehnica of Bucharest</p>	<p>The ITN mCBEEs is an EU project where 15 PhD students are spread at different universities, companies and research institutes throughout Europe. The common denominator is corrosion on the micro and nanoscale, but the focus is everything from the fundamental understanding of corrosion mechanisms to fabricating corrosion-resistant nanodevices. For the corrosion awareness day, we have all sat down and made simple videos to explain how we are contributing to the understanding and solving corrosion problems through our research. The videos will be found on our website, YouTube channel and social media.</p>	<p><a href="http://www.mcbees.eu/videos">www.mcbees.eu/videos</a></p>
<p>Join us for a short but informational video about corrosion, specifically in the Oil &amp; Gas industry</p>	<p>CJ Blakely Marketing and Communications Specialist 23900 Mercantile Road, Beachwood, OH, USA 44122 Zerust Oil &amp; Gas <a href="https://www.zerust-oilgas.com/">https://www.zerust-oilgas.com/</a></p>	<p>Join us for a short but informational video about corrosion, specifically in the Oil &amp; Gas industry: what it is, where it is found, cost of controlling corrosion, corrosion mitigation methods, maintenance for corrosion protection, corrosion awareness, and solutions.</p>	<p><a href="https://www.zerust-oilgas.com/blog/">https://www.zerust-oilgas.com/blog/</a> (Once published the video will be available at this link on our website and also shared across social media platforms and email campaign.)</p>
<p>Keeping in touch with corrosion</p>	<p>Dr. Eva García-Lecina, CIDETEC Surface Engineering Dr. Gemma Vara, CIDETEC Surface Engineering Dr. Jesús Manuel Vega, CIDETEC Surface Engineering</p>	<p>To publish brief dissemination articles (2-3 paragraphs + picture/video) related with corrosion science (e.g. high temperature corrosion, electrochemical corrosion, localized corrosion, corrosion monitoring, etc. and also addressing capabilities at CIDETEC) using the LinkedIn account of our organization. The topic for each day will be as follows: - Monday 20: Do not touch corrosion! - Tuesday 21: Why is corrosion everywhere? - Wednesday 22: Invisible corrosion - Thursday 23: Can we stop corrosion/tribocorrosion? - Friday 24: Chasing Corrosion!</p>	<p>We will send the 5 links after their publication</p>