

polyguard

# CORTEC Vision

USDA April 2024

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Environmentally Sustainable

Solutions

## Celebrating 50 Years of AMPP Membership!



AMPP  
Boris Miksic

- COMPANY NEWS ... Page 2
- OUT AND ABOUT ... Page 4
- PERSONNEL NEWS ... Page 6
- ARTICLES ... Page 6
- RESOURCE & PRODUCT NEWS ... Page 7
- UPCOMING EVENTS ... Page 8

50 Years+ ANNIVERSARY CELEBRATION

**Congratulations**  
**Boris Miksic, FNACE**

50 Year Member NACE/AMPP  
Frank Newman Speller Award Winner  
Entrepreneur & Business Owner  
AMPP/NACE Lifetime Member  
50+ Corrosion Industry Patent

*Boris Miksic, FNACE, celebrating 50<sup>th</sup> anniversary of NACE/AMPP membership in his favorite New Orleans where he also received the NACE Fellow Award 24 years ago and the Frank Newman Speller Award 20 years ago. A long but rewarding journey for a Croatian immigrant to the USA.*

# COMPANY NEWS

## AMPP 2024 Honors Boris's 50 Years of Membership



during AMPP Honoree Night, hosted at the National World War II Museum, a fabulous setting complete with a jazz band to set the Louisiana mood and historic aircraft to soar on display overhead. When called up to receive his award, Boris expressed his usual visionary attitude by asking to apply for 50 more years of membership!

Back at the main March 3<sup>rd</sup>-7<sup>th</sup> conference, Cortec® contributed heavily to the technical symposia by sharing seven papers on a wide range of topics—from flash rust to CUI prevention to compostable VCI film. The papers reflected the work of Cortec® R&D, tech service, and technical associates from the University of Zagreb and California State University, Northridge.

AMPP 2024 in New Orleans, Louisiana, marked an important milestone for Cortec's founder Boris Miksic (FNACE): 50 years of membership in the National Association of Corrosion Engineers (NACE turned AMPP)! Boris was recognized for this achievement

Another highlight of the week was a special dinner at historic Antoine's (New Orleans's oldest restaurant) hosted by Boris and Ines Miksic for Cortec® employees and a few guests, who celebrated Boris's 50-year AMPP anniversary with "Cheers!" in a variety



*Ines and Boris Miksic celebrating Boris's 50<sup>th</sup> Anniversary of NACE/AMPP Membership with Elaine Bowman (right), longtime Cortec® employee and NACE President (only woman president in 75-year history of the organization).*

of languages represented—including English, Croatian, Chinese, German, Farsi, Finish, and Ukrainian! We are grateful for those of you who could join us at AMPP for this special milestone and look forward to continued collaboration as we forge into the next 50 years of fighting corrosion!



*Left: Ines, Boris, and Dr. Bavarian. Top: At the Cortec® booth. Bottom: Luke Stone presents.*

## COMPANY NEWS

### CCP Wins WI DNR Recycling Excellence Award

Our Cortec® Coated Products (CCP) division in Eau Claire, Wisconsin, is one of 11 organizations to receive the Wisconsin Recycling Excellence Award this year from the Wisconsin Department of Natural Resources (DNR). The award recognizes outstanding efforts to recycle and reduce waste and, for CCP, falls under the category of “Projects and Initiatives” that have led to the recycling of more material and/or better recycling cost-effectiveness.

In addition to sourcing most of its paper rolls from recycled content, CCP’s specialty is to apply a corrosion inhibiting coating that still allows the paper to be recycled after use. This is an important environmental benefit for manufacturers and distributors that use Cortec® VpCI® Paper to package and protect metal parts in a variety of industries. It is also an advantage for CCP’s waste handling processes. Converting its coated VpCI® Papers into marketable rolls and different sizes of sheeting inevitably leaves behind a large amount of paper scrap. CCP collects the scrap, compacts it into bales, and sends it to a recycling broker that sorts and resells the scrap to various paper/recycling plants. Cortec® Environmental Specialist, Derek Jensen, estimates that since 2017, CCP has recycled 616 tons of paper, equal to approximately 12,320 trees saved!



### Croatian Delegation

We were honored to host Croatian officials at both our world headquarters and EcoCortec® sites this fall. The September 28<sup>th</sup> visit to Cortec® World Headquarters in Saint Paul, Minnesota, was part of a larger trade mission headed by the prefect of Croatia’s Osijek-Baranja County to encourage economic development and positive relations between Baranja and the U.S.

The Croatian delegation was duly impressed by the extent of Cortec’s corrosion inhibitor production, which goes above and beyond the main business of plastic extrusion at Eco-



Cortec®, and expressed eagerness to do whatever they can to make it easier for Cortec® to invest in the Osijek-Baranja area. The group also moved closer to making an exchange program for students from the sister cities of Beli Manastir, Croatia, and Cambridge, Minnesota, a reality.

On October 16<sup>th</sup>, the prefect continued his survey of Cortec® operations by visiting EcoCortec® (in Croatia) accompanied by team members and Beli Manastir’s mayor, Tomislav Rob.

Both officials held EcoCortec® up as an example of entrepreneurship in the region. The prefect praised EcoCortec® for taking care of employees and the environment, the mayor commending EcoCortec® for the difference these good work opportunities will make for the local population.

### EcoCortec® Installs Solar Panels



EcoCortec® in Beli Manastir, Croatia, is now equipped with solar panels to generate electricity from the sun! This will enable the plant to achieve significant energy savings and reduce reliance on non-renewable energy. It is an important part of EcoCortec’s larger goal to realize a “circular economy” model.

### New State-of-the-Art Extrusion Line at CAF

Cortec® Advanced Films (CAF) in Cambridge, Minnesota, recently installed a new state-of-the-art co-extrusion line. The new multimillion-dollar line, E23, will allow CAF to dramatically increase production volumes of co-extruded films and give workers the agility to change the films’ layer configurations with the touch of a button. This improvement will greatly increase efficiency for both specialty films and any standard VpCI® product CAF may choose to run on the equipment. E23 can extrude tubing up to 75 inches (190.5 cm) wide and sheeting up to 150 inches (381 cm) wide.

# OUT AND ABOUT

## A Season of Sales Meetings

Last fall was an exciting time to connect with many of you around the globe as we held sales meetings in Canada, Brazil, Croatia, and Singapore!

The series of gatherings started with the Bionetix® World Sales Meeting, September 20<sup>th</sup>-22<sup>nd</sup> in Montreal. This was Bionetix's third World Sales



Meeting ever, and we were pleased to have a dynamic group of 10 distributors representing six countries. It was the perfect size to give everyone time to share and energize one another. We look forward to continuing the trend for more training and sales meeting opportunities in the near future!

October found Cliff Cracauer (EVP Sales & Marketing) and Dario Dell'Orto (VP International Sales) reuniting in Florianopolis, Brazil, with all major Cortec® distributors from Central and South America. In addition to providing updates and presenting distributor awards, this Latin America Sales Meeting put a significant focus on distributor "best practices" highlighting Cortec® technology applications across a broad range of Latin America industrial segments.



Soon after, distributors representing 20+ countries from Europe and as far away as Indonesia gathered in Split, Croatia, for our European Sales Meeting. The meeting got off to an exciting start Wednesday evening, October 11<sup>th</sup>, as we celebrated the 75<sup>th</sup> birthday of Cortec® founder and CEO, Boris Miksic, who has poured most of his life into the field of corrosion control. Festivities included a traditional Dalmatian "klapa" band and a stunning fireworks display to illuminate the night sky. Two days packed with education, knowledge-sharing, and team-building followed, the clear theme of the meeting being sustainability as an important focus for future growth in the European market and beyond.

In November, it was off to Singapore for the Asia-Pacific Sales & Strategy Meeting! We had a strong group representing 14 countries—most in the Asian region but also as far away as Nigeria. Perhaps the biggest highlight of the meeting was the opportunity to spend time together after the



separations and stressors of the pandemic. Jay Zhang (Director of Business Development) reflected that every handshake, hug, toast and . . . 'hello' meant that the Cortec® family members are reunited from all the corners of this region . . . and we are back to do what we do the best [as] a group and family."

With the turning of the calendar to 2024, it is time for all Cortec® reps and distributors to gather in one place again for our biennial **World Sales Meeting. Save the date for November 6<sup>th</sup>-8<sup>th</sup>** in St. Paul, Minnesota! Get more details here: <https://www.cortecvci.com/news-alert-save-the-date-for-the-cortec-2024-world-sales-meeting-in-november/>



# OUT AND ABOUT



AWT.



ESD Symposium.



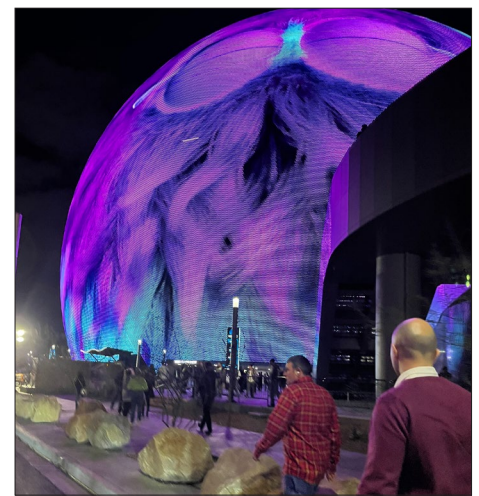
CAT Corrosion Conference, India.



Bionetix® and Manitu-San at PSAI.



MN Chapter members at Fall ICRI.



Heading to "The Sphere."

## Trade Show Highlights

With the pandemic over, it's been a busy year on the trade show circuit, with great opportunities to see familiar faces and meet many new ones along the way! Here are some highlights:

- Spending time with PK Mathew (Cortec® India) at the **CAT 2023 Corrosion Engineering, Plating and Paint Conference**, where Bob Dessauer (Cortec® Regional Sales Manager, Midwestern U.S.) shared "Practical Recommendations for 1E Approved Products for Corrosion Control."
- Increasing familiarity with the world of ESD at the **EOS/ESD Symposium**.
- Sharing Boris's autobiography with those of kindred entrepreneurial spirits at **AWT**, where practically all the estimated 100 booth visitors expressed recognition and a positive opinion of the Boiler Lizard®.
- Attending the corrosion committee meeting and connecting with colleagues from the ICRI Delaware Valley and Minnesota chapters at the **ICRI Fall Convention**.
- Explaining our giant steel wool demo to curious attendees at the **27<sup>th</sup> Annual Facilities Management Expo in Hamburg**, New York, alongside our distributor Philpac.
- Participating in committee meetings, talking with students, and getting positive MCI® feedback from an engineer at the **ACI Concrete Convention**.
- Sharing an in-depth presentation on CorroLogic® for ASTs, getting informed on industry standards, and seeing Cortec® on the front lines of AST floor preservation at the **NISTM 16<sup>th</sup> Annual Aboveground Storage Tank Conference & Trade Show**.
- Attending the 50<sup>th</sup> anniversary **World of Concrete** (WOC) where we enjoyed time with MCI® reps and distributors at our annual WOC meeting/luncheon and a special outing to "The Sphere," one of Vegas's newest attractions.
- Getting a surprise visit from actor Richard Karn at Bionetix's first **PSAI** (Portable Sanitation Association International) convention!

# PERSONNEL NEWS

Please join us in welcoming or congratulating the following members of our team!

## Šejla Zukić



Our new Product and Market Development Specialist for Europe will develop new products for the European market and provide technical support to our German-speaking audience. Šejla graduated from the Faculty of Chemical Engineering and Technology in Zagreb as a Master in Material Science and Engineering. She has five years of practical experience in the coating industry.

## Mike Bosman



Our new MCI® Regional Sales Manager for the Midwest will be providing MCI® support in Minnesota, North and South Dakota, Wisconsin, Iowa, Illinois, Nebraska, Missouri, Kansas, and Colorado. His background includes working with 3M in the defense market for adhesives and coatings, where he frequently headed up accelerated underwater corrosion testing on a variety of materials.

## Jay Zhang



Our new Director of Business Development is a trusted team player who has returned to Cortec® in a role that will support

exciting growth opportunities, primarily in Southeast Asia. In his own words, he desires to be “a hands-on, responsive, constructive, supportive liaison that our distributors trust and rely on....” He expects to provide support on a variety of fronts, including training, technical engineering, sales, project management, and knowledge-sharing.

## Ash Hasania



Our longtime MCI® Technical Sales & Market Manager was elected to the board of the ICRI Michigan Chapter. He will start as

a board member “at large,” helping plan and oversee chapter activities and voting on issues that arise. He is expected to be a great asset to ICRI Michigan as a liaison between the local chapter and ICRI national through his attendance at events on both levels.

corrosion before these components ever reach the power plant, then goes on to rust preventative steps for routine maintenance and the importance of doing both predictive and preventative maintenance. Expect to find tips from Sonny Reeves of CGSI in this last section! Read the article here: <https://www.powermag.com/the-added-value-of-corrosion-protection-for-pump-and-valve-maintenance/>

## ‘Concrete Structures: Specifying Corrosion Inhibiting Admixtures’ *The Construction Specifier* October 2023



In this article, several Cortec® employees look at why corrosion in concrete is a concern, what can qualify as a corrosion inhibiting

admixture, what are key differentiators among admixtures, and how they can tie into service life modeling. This would be a great piece to share with engineers and contractors in the construction industry. Read it here: <https://www.constructionspecifier.com/publications/de/202310/?page=6>

## ‘Corrosion Prevention for Heating and Cooling Systems’ *Chemical Engineering* January 2024

This cover story dives into corrosion concerns for process heating and cooling systems in the chemical processing industries. It looks at concerns associated with seasonal changes, backup equipment, and different

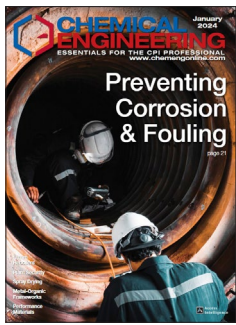
# ARTICLES

We have been excited to see several exclusive Cortec® feature articles published in magazines since our last Cortec® Vision came out. These are great resources to share with colleagues and customers and file away for your own reference.

## ‘The Added Value of Corrosion Protection for Pump and Valve Maintenance’ *POWER Magazine* October 2023

This article focuses on two kinds of critical equipment at power plants: pumps and valves. It offers detailed recommendations for preventing

# RESOURCE & PRODUCT NEWS



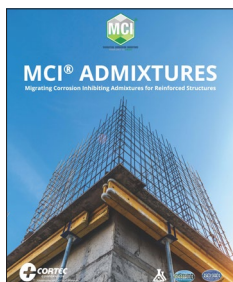
metals. It also looks at traditional methods of corrosion protection versus taking a more proactive approach with Vapor phase Corrosion Inhibitors. It is a great reference article to have on hand for your own understanding of this sector and for training others. Read it here: [https://www.nxtbook.com/accessintelligence/ChemicalEngineering/che\\_january-2024/index.php#/p/20](https://www.nxtbook.com/accessintelligence/ChemicalEngineering/che_january-2024/index.php#/p/20)

## 'Taking Action' World Fertilizer March 2024



This article looks at the use of Vapor phase Corrosion Inhibitor technology for mitigating corrosion in boilers, beneath storage tanks, and under insulated surfaces. It is a great resource for approaching the fertilizer industry where so many corrosion concerns exist. Read the article at: [https://www.cortecvci.com/whats\\_new/announcements/March\\_2024.pdf](https://www.cortecvci.com/whats_new/announcements/March_2024.pdf)

## Two New MCI® Brochures for 2024



Early this year, we released two updated MCI® brochures with a fresh new look. Highlights of our new "MCI® Admixtures"

brochure include new images of our latest MCI® admixture dispensing units and updated text that focuses on the "what," "how," and "why" of concrete corrosion and the MCI® approach to mitigation. The new edition of our "MCI® Surface Applied" brochure goes into greater detail on the differences between various



MCI® SACIs (surface applied corrosion inhibitors) and where they can be used, with new graphics distinguishing the action of MCI®-2018 and MCI®-2020. Check out the new brochures today!

## Two New Industry Corrosion Mitigation Guides

Do you work with wind energy or the pulp and paper industry? Even if you don't but would like to, we encourage you to get to know these markets better as they intersect with Cortec® corrosion solutions. Jim Holden, Technical Director – Energy & Engineered Solutions, has helped us do so by creating a guide to corrosion in each of these industries. Learn more about some of the components at risk in these markets and which Cortec® technologies can be used to address them by reading [Corrosion in the Pulp & Paper Industry](#) and [Guide to Corrosion Remediation at Wind Farms](#).

## New Bionetix® Product Line Brochure

At our biotechnology subsidiary, Bionetix®, we recently refined our line of biological treatments for portable toilets under new BIO-BOOM™ branding. We captured this line in a completely new brochure showcasing [Bionetix® Portable Sanita-](#)



[tion Products](#). In addition to portable toilet treatments, the new brochure shares probiotic-enhanced formulations for surface cleaning, odor neutralization, urinal treatment, and grease trap treatment. Check it out today!

## Corrosion Protection + Heat Sealable Paper

CorShield® VpCI®-146 Heat Sealable Paper combines the heat sealable properties of EcoShield® Heat Sealable Paper with the corrosion inhibiting properties of CorShield® VpCI®-146 Paper for a dual corrosion inhibiting heat sealable paper that opens the door to a wide variety of recyclable custom packaging solutions for metal parts. Get ideas for use here: <https://www.cortecpackaging.com/press-release-corrosion-protection-heat-sealable-paper-new-custom-packaging-solution/>

## New MCI® Grenade XL for Easier Dosing

Our 5-pound (2.3 kg) MCI® Grenade™, dubbed the MCI® Grenade™ XL, has made MCI® admixture dosing into the ready-mix truck easier. Rather than having to add 10 regular MCI® Grenades to the concrete truck, ready-mixers only need to add two



# PRODUCT NEWS

bags of MCI® Grenade™ XL to ensure the batch has enough Migrating Corrosion Inhibitors to protect embedded reinforcement. That means just one MCI® Grenade™ XL is needed per half truck. Learn more about the new size here: <https://www.cortecmci.com/news-alert-new-five-pound-mci-grenade-makes-concrete-admixture-dosing-easier/>

## MCI®-2018 X Water Repellent

Cortec® has recently expanded its MCI® portfolio to include MCI®-2018 X, a 100% silane penetrating water repellent for concrete surfaces. MCI®-2018 X is MCI®-2018 minus the Migrating Corrosion Inhibitors. Its primary function is to line concrete substrate pores with a hydrophobic layer that reduces the ingress of moisture, chlorides, and carbonation, thus extending the service life of the structure.

In the past, MCI® customers sometimes faced the dilemma of whether to apply MCI®-2020 to get the highest concentration of MCI® SACIs on the market or whether to take ad-

vantage of the benefits of the two-in-one MCI®-2018 water repellent with a lower concentration of Migrating Corrosion Inhibitors. While an even better option was to apply MCI®-2018 on top of MCI®-2020 for maximum protection, this could easily fall outside the project scope and budget. Now, if MCI® users want the high concentration of MCI®-2020 with only a water repellent on top, they can order MCI®-2018 X along with MCI®-2020 and be done with their search for a supplementary product. Learn more about MCI®-2018 X here: <https://www.cortecmci.com/press-release-another-tool-for-your-mci-concrete-maintenance-repair-kit/>

## BCP35S™ Premium for Enhanced Soil Bioremediation

BCP35S™ Premium from our subsidiary Bionetix® is an upgraded version of BCP35S™ that enhances soil cleanup and specifically targets PAHs (polycyclic aromatic hydrocarbons). It was designed for a company performing ex situ bioremediation on soils that showed higher PAH compared to previous

specimens. Laboratory testing with BCP35S™ Premium caused the PAH levels in the soil to drop significantly after 60 days and even lower at the end of 90 days. Learn more about BCP35S™ Premium here: <https://www.bionetix-international.com/press-release-bionetix-introduces-bcp35s-premium-for-enhanced-soil-bioremediation-2/>

## Probiotic Toilet Bowl Cleaning Tablets

ECO-CLEAN-BOWL™ is a new Bionetix® toilet bowl cleaning tablet that adds probiotics to a septic safe cleaning formulation. Initial action cleans grime and efficiently targets and removes stains including limescale and rust. ECO-CLEAN-BOWL™ neutralizes unpleasant odors and leaves behind a fresh clean scent. It also boosts your bathroom's microbial ecosystem, using probiotics to break down organic matter and reduce a food source for harmful bacteria. Learn more about the innovation here: <https://www.bionetix-international.com/press-release-add-probiotics-to-your-toilet-cleaning-routine/>

# UPCOMING EVENTS

### ICRI Spring Convention

April 22<sup>nd</sup>-24<sup>th</sup>, 2024  
Weston Copley Place  
Boston, Massachusetts  
[www.icri.org/](http://www.icri.org/)



### Offshore Technology Conference

May 6<sup>th</sup>-9<sup>th</sup>, 2024  
NRG Park  
Houston, TX  
Booth #2100  
<https://2024.otcnet.org/>



### Interclean Amsterdam

May 14<sup>th</sup>-17<sup>th</sup>, 2024  
Europaplein 24  
The Netherlands  
Booth #12.118  
<https://www.intercleanshow.com/amsterdam>



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4119 White Bear Parkway, St. Paul, MN 55110 USA  
Phone (651) 429-1100, Fax (651) 429-1122  
Toll Free (800) 4-CORTEC, E-mail: [productinfo@cortecvci.com](mailto:productinfo@cortecvci.com)  
<https://www.cortecvci.com>

