



The Chemical Consultant

Association of Consulting Chemists and Chemical Engineers, Inc.

Scientific, Engineering, Business & Management Consultants

Volume 31, No. 1

January— March, 2019

FUTURE MEETINGS

All members are invited to attend.

April 9 - Presentation -
*Refinery Modeling Used in
Economic Optimization*

April 16 - Council Meeting

May 14 - Presentation:
Searching for Life on Mars

May 21 - Council Meeting

The Association of Consulting Chemists & Chemical Engineers (ACC&CE) is a network of senior-level consultants with a broad range of functional expertise and many years of experience in the chemical and allied industries.

The purposes of the organization are:

To offer prospective clients a “clearing house” which they can use to find the most qualified consultants or team of consultants whatever their particular problem may be.

To furnish support to its members as they conduct their consulting practices.

This newsletter is intended to support those purposes as well as to educate prospective new members and prospective client organizations about ACC&CE, and how we can be most helpful to them.

The ACC&CE has an interactive website – www.chemconsult.org that allows prospective clients either to input their problem or to search for those consultants most skilled in their area of concern.

IN THIS ISSUE

This newsletter begins with a letter from our President, David Manuta, which appears on pages 2 and 3.

On page 5 is a letter from our Program Chair, Richard Goodman, describing some future presentations being planned that will air on-line on GoToMeeting.

Pages 6 and 7 contain copies of the introductory slides for those two presentations. On page 8 is a message from your editor.

I am again repeating my request for comments and articles from our members. This has been a very busy season for all of us, but I hope to bolster the contents of the newsletter in 2019.

Also, I am once again asking for help from any of our members who are relatively expert in LinkedIn.

Please address all comments to: jvpil@jvporcelli.com.

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LETTER FROM THE PRESIDENT

Dr. David M. Manuta, (Certificate #882), President of ACC&CE

The ACC&CE has been governed well for over eighty (80) years per Bylaws and a Constitution that covered practically all possible situations. It was a recent review of these key documents that revealed the need for some touch-up work. Significant duplication existed in these operating documents. While redundancy is important in aviation and in plant operations, excessive redundancy is not necessarily a good thing for governing a professional society.

For the past several months, ten (10) of us have embarked on an interesting journey to transition to a single Constitution that ought to cover "21st Century" situations. Debts of gratitude are due for Jim Divine, Steve Duerr, Bernie Ennis, Richard Goodman, Bill Hoffman, Charlie Leonard, David Manuta, Joe Porcelli, Dick Schauer, and Tom Vichroski. We would send emails back and forth in an effort to fine tune the language (e.g., male pronouns) and to streamline more than thirteen (13) pages to the nine (9) pages in the amended mail copy that all of our members recently received. [Then we would gather via Go To Meeting to share the changes since we had last gotten together. This iterative process was repeated several times until "we got it right."]

I stress the word mail. When the Constitution was first written (and with subsequent amending), email, fax, internet connections, text, and other recent innovative communication methods were not contemplated. Complying with what was written is critical, since we would all be open to the entirely appropriate criticism that we did not follow the amendment procedure as proscribed. A reduction in the number of Councilors from eighteen (18) to six (6) is also in the amended Constitution, reflecting the current numerical membership situation.

There are other key compliance milestones that have been met. The amended Constitution was initially read at our Tuesday (2/12/19) Council Meeting and then a second time at our Tuesday (3/12/19) Council Meeting. Hard copy of the amended Constitution and a ballot were then sent out to the membership. The stipulation is that a response within sixty (60) days by mail is required for the vote to count.

The sixty (60) day window closes on May 13, 2019. At the deadline, we must receive back at least 50% of the ballots that had been sent out. Numerically, this means that at least fourteen (14) of us must vote in the Affirmative to complete the Amendment process.

Our expectation is that the necessary number of votes in the Affirmative will be received prior to the May 13, 2019 deadline. The amended Constitution would soon go into effect. The use of email and the other innovative communication methods would then be utilized in a manner consistent with the way business is done in the 21st Century.

The importance of returning your ballot is clear. Please do so as soon as you can.

(Continued on next page)

LETTER FROM THE PRESIDENT (Continued)

Turning to another important matter, the Chem Show in October 2019 at the Javits Center in NYC beckons plus we all need to seriously engage in a process that yields members wanting to support events and programs plus for more of us to become actively engaged in the governance of the ACC&CE.

Long live the newly amended Constitution!! Thanks for reading.
Sincerely,

David M. Manuta, Ph.D., FAIC
President, Manuta Chemical Consulting, Inc.



Dr. David M. Manuta, FAIC, President
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Upcoming On-line Presentations via Go To Meeting (GTM)

Richard M. Goodman (Certificate # 747) - Program Chair

The ACC&CE continues to seek opportunities to bring value to its membership. One area we are constantly trying to provide content is technical programs. As Program Chair I am seeking to find content that will be of interest and perhaps some use to the membership of ACC&CE. We have had interesting talks over the last 6 months but attendance at the GTM presentations was small.

We have two programs upcoming in April and May 2019, respectively. They are:

April 9: **Refinery Modeling Used in Economic Optimization**, by Johnny Serafin, PE, Phillips 66

May 14: **Searching for Life on Mars**, by Dr. Daniel Glavin, NASA Goddard Space Center

The April 9 presentation concerns the 66 Refinery in Linden, NJ (the very old Exxon Bayway refinery). The company continuously evaluates potential crude oils to run through its refinery and must select what it will purchase from hundreds of available crudes. They receive crude oil about every 5 days by sea. Mr. Johnny Serafin, P.E. is a Computer Applications Engineer.

The May 14 presentation has lots of interesting chemistry as well as dealing with the obvious questions about whether there ever was (or is?) life on Mars. The subject is concerned with presence of microbiological life NOT intelligent life on Mars. It has been presented to numerous technical audiences with enthusiastic responses. Dr. Glavin has been a lead scientist on the Mars probes and adds personal vignettes about the NASA Mars programs.

We hope the membership will embrace both talks. If you have any comments or questions concerning the upcoming talks, please contact Richard M. Goodman, Program Chair at rmgconsulting@msn.com.

Information on how to access our GoToMeeting broadcast will be sent out to all the members.

Please notice the introductory slides on both these presentations on the next two pages.

Ever wonder how gasoline is made?

ASSOCIATION OF CONSULTING
CHEMISTS & CHEMICAL ENGINEERS



is proud to sponsor a presentation by

**Johnny Serafin, PE,
Refinery LP & Models Engineer, Phillips 66**

“Refinery Modeling Used in Economic Optimization”

This presentation will discuss the importance of modeling in the refining industry, how linear programming models can be utilized to optimize refinery operations, how these models are maintained and how models are used to make economic decisions. An overview of the refining process, as well as core crude oil properties will be given as key background information.

7 p.m. ET, April 9, 2019

Please join from your computer,
tablet or smartphone:

<https://global.gotomeeting.com/join/572484429>

You can also dial-in using your phone: United States: 1-646-749-3122

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ASSOCIATION OF CONSULTING CHEMISTS & CHEMICAL ENGINEERS

is proud to sponsor a presentation by

Dr. Daniel Glavin
of
NASA's Goddard Space Flight Center:



“Searching for Life on Mars”



7 p.m. ET, May 14, 2019

Please join from your computer, tablet or smartphone:

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LETTER FROM THE EDITOR

Dr. Joseph V. Porcelli (Certificate #906)

In the President's Letter on pages 2 and 3, President Manuta described the efforts made by a number of our members to develop the draft of a revised Constitution and Bylaws (actually collapsed into a single document). Indeed these first three months of 2019 have been quite busy for a number of us. The GoToMeeting (GTM) software introduced in 2016 have really been useful (I would say essential) in allowing us to make as much progress as we have. For the dozen or so of us who have participated in these efforts, the "virtual" ACC&CE has really become a reality, with a number of them being located in different parts of the country.

As of this writing, the process of adopting the revised constitution is continuing, and as President Manuta mentioned, it is imperative for all of the members to send in their approval or non-approval on the paper ballots, to allow us to adhere to the previous Constitution's stated requirements for revision.

Manuta has also mentioned our reduction in the number of board members (now called councilors) from 18 to 6, a figure more in keeping with our much smaller to take a membership in the last decade or more. We hope that those who will take a one, two or three-year term as councilors will take part in most of our GTM council meetings, and perhaps take a role in the operation of the association to ensure its continuity.

The membership in our LinkedIn ACC&CE Group continued since at least the last two newsletters at 43. I am disappointed that no one has stepped forward to help us out with our efforts to increase our group and to allow us to benefit more from what LinkedIn has to offer.

Please communicate with me at jvpri@jvporcelli.com with your ideas and/or to volunteer.

Sincerely

Joe Porcelli, Editor

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