



Baton Rouge Newsletter

Year 29, Number 5

www.aiche-br.org

February 10, 2019

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| Recap of January meeting | 2 |
| February meeting speaker | 2 |
| From the Chapter Chair's Pen | 3 |
| 2019 Section Contacts | 4 |

The *AIChE Baton Rouge Newsletter* is published monthly, from September to June, by the AIChE Baton Rouge Section, 110 Chemical Engineering, LSU, Baton Rouge, LA 70803. It is distributed free of charge to members of the Baton Rouge Section of the American Institute of Chemical Engineers.

Membership Fee: \$15.00/yr.

February Meeting

Date: Thursday, February 21, 2019

Place: Bluebonnet Regional Branch Library Meeting Room, 9200 Bluebonnet Blvd.

Topic: *Plasmonic Hot-Carrier Devices: Infrared Photodetectors and Solar Water Disinfection*

Speaker: **Professor Kevin M. McPeak**, LSU Chemical Engineering

Agenda: 5:30 – Social
6:00 – Dinner, Speaker

Menu: Greek.

Cost: \$20 per person (\$15 AIChE member, \$10 students)

RESERVATIONS

Make your reservation on-line
by **5:00 PM on Wednesday, February 20th** at
<https://www.aiche-br.org>

Pay in advance by Pay Pal or credit card or
choose to pay by cash or check at the door.

Professional Engineering Certification

The subject of this meeting is an acceptable activity for continuing Professional Development as defined by LAPELS and is **approved for one (1) PDH unit**.

The Baton Rouge AIChE chapter is NOT responsible for individual record keeping of PDH credits. Certificates must be obtained at the meeting by the individual.

Other Upcoming 2019 Events / Speakers

If you or your colleague(s) would like to give a technical presentation at an upcoming chapter meeting for 2 professional development hours (PDHs), please contact Chapter Chair, Donna Bryant, at Donna.Bryant@Syngenta.com to schedule a meeting date and time.

Recap of the January Dinner Meeting

The speaker at the January meeting was Christian McDermott of Voovio Technologies. Voovio Technologies is a global simulation technology firm that aims to replicate reality to increase operator efficiency and reduce errors. Christian started by explaining how their Enhanced Reality technology creates a photorealistic 3D scene from a collection of photos. He then walked us through a demo of how the technology can be used to onboard operators faster and practice/test written procedures. Although there are similar technologies like this out there, currently the Enhanced Reality technology is the only one in the market that uses photographs to simulate real world operations.

February Meeting Speaker



Dr. Kevin McPeak is a professor of chemical engineering at LSU. He received a BS in chemical engineering from Northwestern University, a PhD from Drexel University, and carried out post-doctoral research at ETH Zurich, Optical Materials Engineering Laboratory. His research interests are in photocatalysis, plasmonic materials, and nanoscale chirality.

Resolve to perform what you ought; perform without fail what you resolve.

--Benjamin Franklin

From the Chapter Chair's Pen

My name is Vishal Vora, and I am the new Baton Rouge AiChE Chapter Chair. I moved to Baton Rouge in 2013 to work at BASF in Geismar. I continue to work at BASF in Geismar, providing Technology support for the production units within my Cluster.

AiChE meetings are a great way to network with others in our field while staying current on new developments. The 2019 year will have monthly meetings and technical seminars focused on technology topics that will be useful to most engineers working on plant projects and in-plant operations. We are organizing facility tours in the nearby area, as well as social events that you won't want to miss!

In addition to the above activities, we are always looking for members who would like to get more involved. If you would like to participate on our team, or if you have a topic idea for our monthly meetings, don't hesitate to contact me or any of the Executive Committee members listed on the last page of this newsletter.

I look forward to seeing you in the upcoming year!

Vishal Vora, 2019 Chair



2019 Section Contacts

Officers

Chair: Vishal Vora, VVVora@Gmail.com
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Why Should You Join the Local AIChE Chapter?

1. It is a welcoming presence to new chemical engineers in the area.
2. It provides a neutral ground mentorship toward career directions and other life topics.
3. It facilitates a better understanding of local, state, and federal policies related to our professions.
4. It offers a smooth transition for graduating chemical engineers from LSU, ULL, and other nearby universities who start working in the area.

150 years


We create chemistry