



BURNING ISSUE

May 2021

GREATER SAINT LOUIS CHAPTER SOCIETY OF FIRE PROTECTION ENGINEERS

<http://www.sfpe-stl.org/>

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Golf Outing Chairman

Larry Frank – Code Consultants Inc.
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WHEN?	May 17, 2021
WHERE?	Greater STL SFPE Zoom – a meeting link will be sent the Friday before the meeting
PROGRAM TOPIC	Fire and Smoke Simulation NIST
SPEAKER	Alejandro Jorquera, Mechanical Engineer and Fire Protection software developer CYPE
OFFICERS & DIRECTORS MTG	11:30 AM – 12:00 PM
PROGRAM	12:00 PM – 1:00 PM
BUSINESS MTG	1:00 PM – 1:15 PM
COST	None

RESERVATIONS

RSVP not required **unless you need a PDH certificate**. If you need a PDH, please email Sheila DeMand sheila.demand@aon.com before the call. A [Zoom link](#) will be emailed to all participants who are on our SFPE email list. If you are not on the email list, please email Holly Olson hollyo@codeconsultants.com for the link.

SOCIETY OF FIRE PROTECTION ENGINEERS-*Greater St. Louis Chapter since May 14, 1961* EIN: 436061824

A not-for profit technical and professional organization, SFPE is the international clearinghouse for fire protection engineering information. The Society's goals are to advance the science and practice of fire protection engineering and its allied fields, to maintain high ethical standards among its members, and to foster fire protection engineering education.

May Meeting Synopsis

Our speaker for May is Alejandro Jorquera, Mechanical Engineer and Fire Protection software developer, CYPE on the topic Fire and Smoke Simulation NIST. CYPEFIRE FDS presentation, this Dynamic fire simulation module uses the graphical interface of its CYPECAD MEP software to provide the FDS motor developed by NIST the required data, and SmokeView viewer also by NIST the necessary information to generate the 3D animation of the results obtained. Please join us!

May Voting SFPE Officers/Directors

We will be voting on the slate of officers at our May Meeting. The existing officers, if voted affirmatively, will serve one more year in these positions. We are always looking for more participation to sustain our chapter into the future, so please reach out if you would be interested in a role as Director!

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September Meeting

Our speaker for September will be William Sudah, Honeywell Xtralis and the topic is “How to Prevent Thermal Runaway in Lithium-Ion Batteries”. Our plan for September is to be back at Syberg’s in person! Meeting date is September 20. A final decision will be made later this summer.

2021 Greater St. Louis Science Fair

Science Fair was E-Fair again, and we judged the fire protection related projects virtually. We found 3 excellent projects that we awarded! Details of projects will be in the next SFPE Burning Issue. Thanks so much to the judges – Bill Kennedy and Steve Jones!

2021 SFPE Scholarships

We have extended the deadline for scholarship applications to mid-May due to COVID. The application can be found on our website <http://www.sfpe-stl.org/>

2021 SFPE Golf Outing – Save the Date!

Our Annual SFPE Golf Event will be *Thursday September 16th*. The start time will be a shot gun start at 12:45pm. Please plan to attend and support our scholarship fund!

2020/2021 Meeting Dates

DATES	TOPIC	SPEAKER
9/21/20	OEO- Occupant Evacuation by Elevator	Dave Burkhart, CCI
10/19/20	New Technology in Fire Suppression System Piping	Luis Vecchio, Arcanum Alloys
11/16/20	Internal Pipe Corrosion	Jason Singh, United Fire
1/18/21	AFFF C6 Foam	Craig McDonnell, Perimeter Solutions
2/15/21	Recommended Minimum Technical Core Competencies for the Practice of Fire Protection Engineering	Ben Brooks, Director of Fire Protection Engineering, Ross & Baruzzini
3/15/21	Emergency Responder Radio Coverage	Cory Ogle/Tim Ruiz-CCI
4/19/21	Importance of Fire Doors	Laura Frye, Door Hardware Institute
5/17/21	Fire and Smoke Simulation NIST	Alejandro Jorquera, Mechanical Engineer and Fire Protection software developer CYPE

Fire Protection Oddities



New SFPE Mailing Address

New mailing address as of 7/2019

SFPE
St. Louis Chapter
P.O. Box 28483
St. Louis, MO 63146

Request for Articles

We are always looking for informative articles to share with our members. If you have authored an article or find one you believe would be of interest, please send it to me at sheila.demand@aon.com.