

The background of the entire image is a blue world map with white outlines of continents. Overlaid on the map are several concentric circles and a grid of lines, creating a technical or global theme. The acronym 'SFPE' is prominently displayed in the center in a large, bold, black sans-serif font.

SFPE



Engineering A Fire Safe World

SFPE Europe



Jose Luis Fernández, SFPE European Director
Bergamo, 18 September 2019

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What SFPE is

- **Mission, Vision.**
- **Membership and chapters.**

What SFPE Does globally and in Europe:

- **Strategic Goal #1 - Trusted Resource for Fire Eng.**
- **Strategic Goal #2 – Advocate for the profession of FE**
- **Strategic Goal #3 – Education.**



Is it interesting for me to be member
of SFPE,
Society of Fire Protection Engineers?



»» What SFPE is



SFPE Mission

To define, develop, and advance the use of engineering ***best practices***; expand the scientific and ***technical knowledge*** base; and ***educate*** the global fire safety community to reduce fire risk.

SFPE Vision

The leaders in engineering a fire safe world.



101 Chapters Worldwide

47 U.S.

21 Student

12 in Europe

5 in Canada

3 in Middle East

12 in Asia-Oceania

1 in Latin America



Membership

» 4,647 total members

› 75% within U.S.

› 25% outside the U.S.

» 447 in Europe (around 10% of total members).

Increased members by 20% in 2019.

Several Countries creating new chapters



Corporate 100 Partners

»No. of Partners: 55

- › Visionaries: 8
- › Benefactors: 9
- › Patrons: 11
- › Sustainers: 27



What SFPE Does



Strategic Goal #1 - Trusted Resource

- » Research Roadmap
- » Emerging Trends and Technology Advances
- » Standards Development & Technical Documentation



Promote & Implement the Research Roadmap

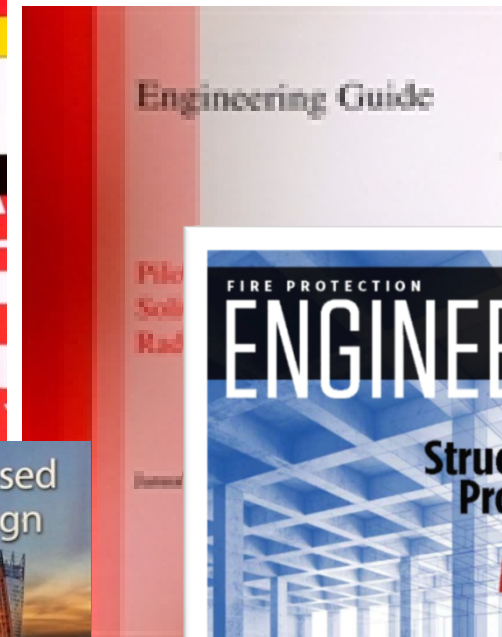
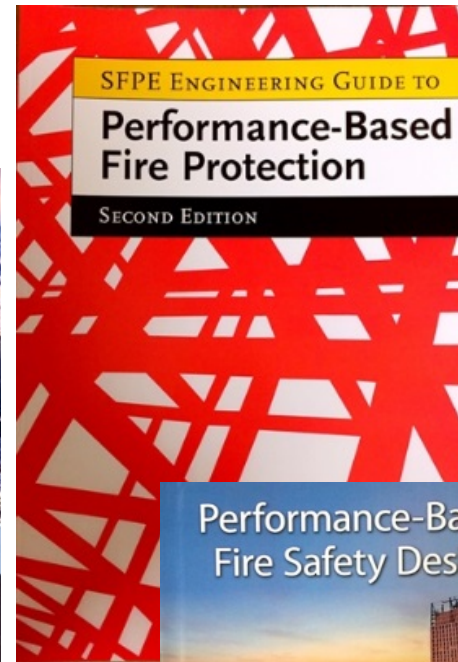
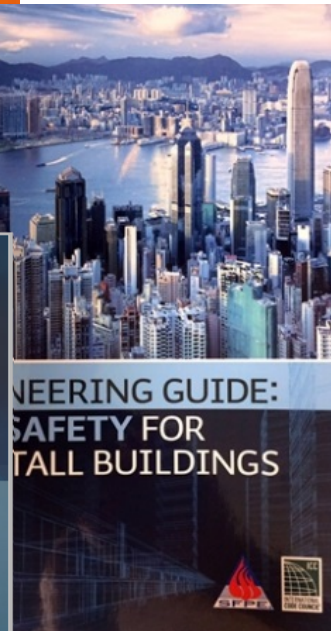
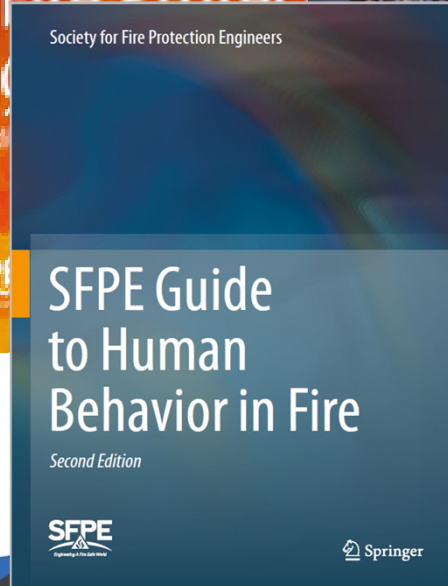
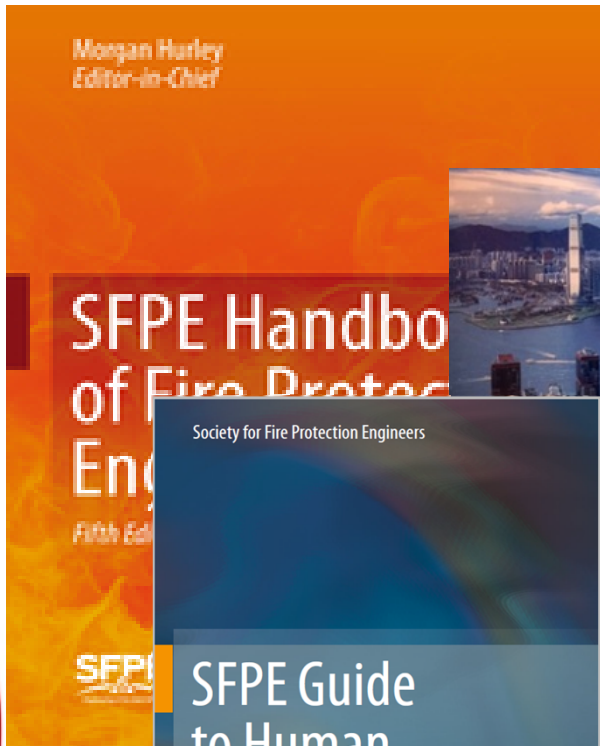
Research Needs for the Fire Safety Engineering Profession

THREADS	TOOL, APPLICATIONS, & METHODS			
	Data	Innovative Technology /Materials	Design Tools	Risk /Probabilistic Approaches
	Human Behavior	✓	✓	✓
	Building Fires	✓	✓	✓
	Resilience/Sustainability	✓	✓	✓
	Fire Service	✓	✓	✓
	Fire Dynamics	✓	✓	✓
	Fire Safety Systems	✓	✓	✓
	Forensics/Investigations	✓	✓	✓
	Wildland/WUI Fires	✓	✓	✓
	Non-Building Fires	✓	✓	✓

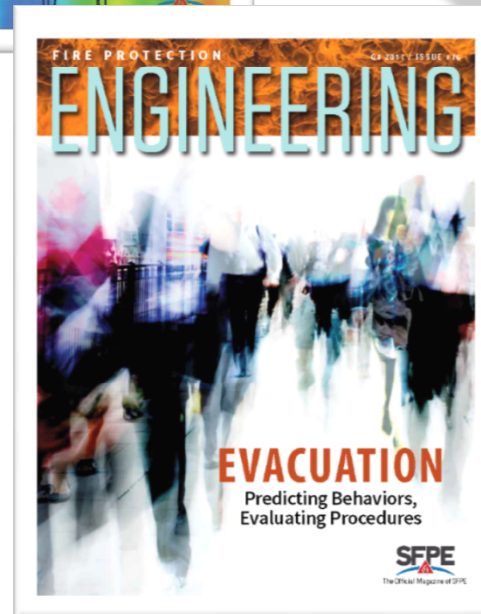
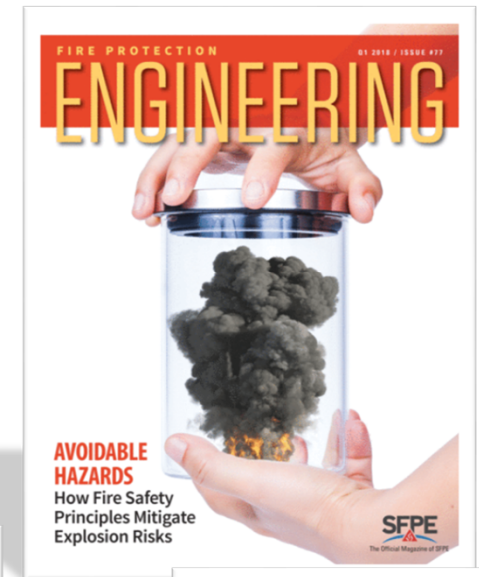
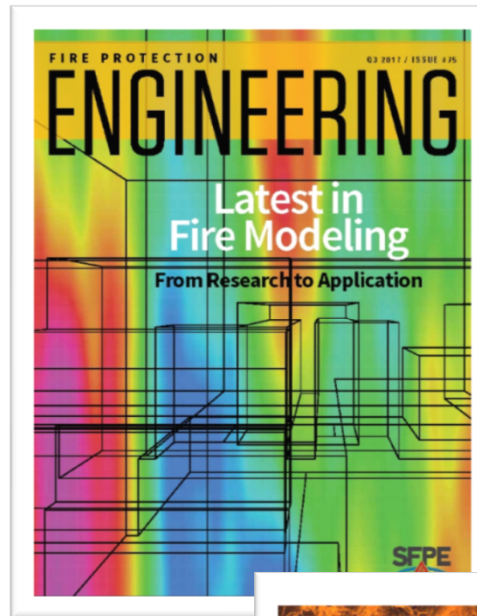
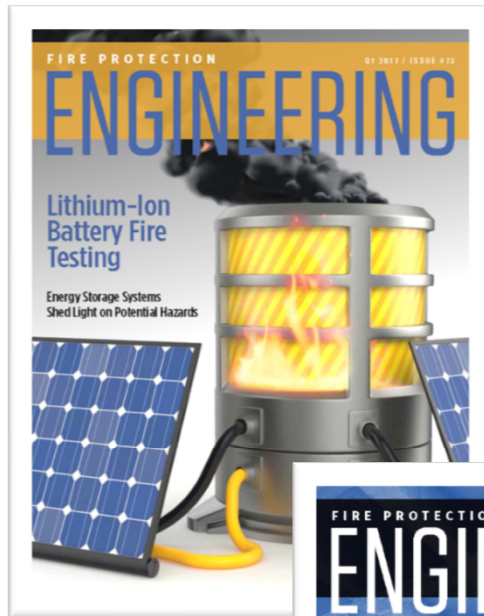
Emerging Hazards, Products & Technologies Impacting Our Profession

- › Building Materials (i.e. new construction materials, lightweight construction, external cladding systems, & tall timber buildings)
- › Energy Storage
- › Wildland Urban Interface Fires
- › Alternate Detection
- › Advances in Suppression System Technology (i.e. SMART Sprinklers, Storage commodities, automated storage and oxygen reduction systems)
- › Computer Models
- › BIM/BIS

Guides/Handbooks/Magazines



FPE Magazine



E-News

FPE*e***XTRA** **SFPE**

DEL EDITOR DE FIRE PROTECTION ENGINEERING MAGAZINE

FPE*e***XTRA** **SFPE**

FROM THE PUBLISHER OF FIRE PROTECTION ENGINEERING MAGAZINE

SFPE EUROPE

Q1 2015 | ISSUE NO. 1

AN OFFICIAL PUBLICATION OF SFPE

SFP@UPDATE **SFPE**

A MONTHLY UPDATE ON THE LATEST SFPE NEWS AND RESOURCES



Strategic Goal #2 - Advocate

- Ensure **core competencies and key responsibilities** are adopted by key stakeholders.
- Advocate for licensure and credentialing in U.S. to ensure continued adoption.
- **Collaborate with other organizations to promote licensure/credentialing requirements outside of the U.S.**
- Be a resource and partner for undergraduate and graduate programs and career pathways education.
- Increase recognition of SFPE as the source for info on FPE and expand communications to others regarding the value of quality FPE.

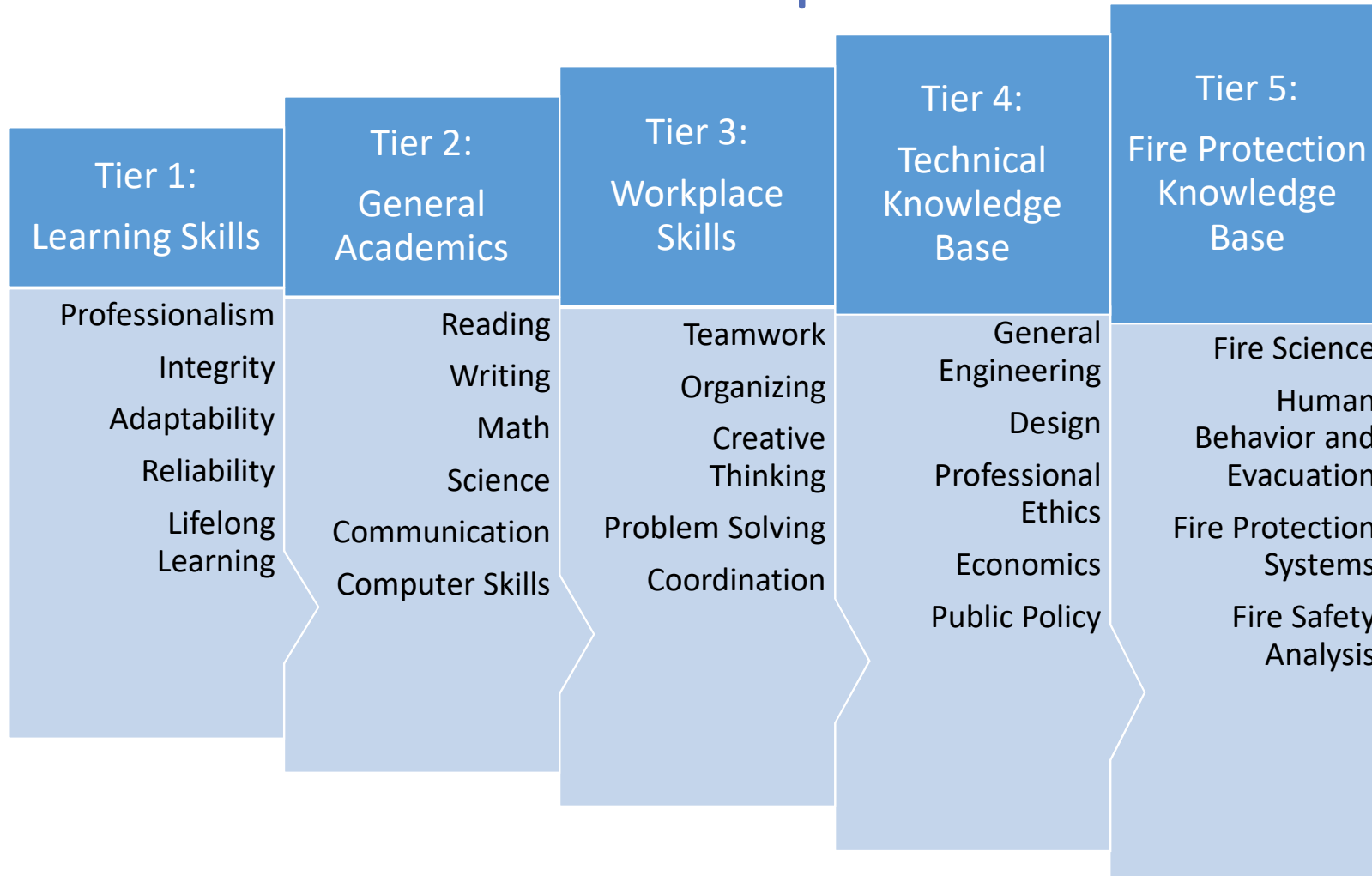
SFPE Minimum Core Competencies

- » Recommended Minimum Core Competencies for the Practice of Fire Protection Engineering
 - › Following resolution of public comments, the document was published in December 2018
- » Competency is obtained upon the completion of structured education in specific knowledge and skill areas, and accompanying applied experience

SFPE Minimum Core Competencies (continued)

» “A **Fire Protection Engineer** is an individual who, by formal training and professional experience, carries the necessary competency, and has the skills to provide guidance and direction to protect life, property and environment from threats posed by fire and its related mechanism.”

SFPE Minimum Core Competencies (continued)



In EUROPE

Cooperation with other organizations

» CFPA Europe: Confederation of Fire Protection Associations Europe



» IFE - THE INSTITUTION OF FIRE ENGINEERS THE INTERNATIONAL ORGANISATION FOR FIRE PROFESSIONALS



» FEANI Federation of professional engineers



Feani



First Anniversary Engineers Europe Advisory Group

“The future engineer: wishes and facts”



Wednesday 11 September 2019



27 Signatories of the EEAG Letter of Intent



Strategic Goal #3 - Educate

- Develop and implement SFPE education for new, continuing and advanced professionals.
- Develop and implement a robust policy for course development and deliver minimizing conflicts of interest and meets needs of global membership.

Global Conferences

» Annual – every year

- › Phoenix, 2019
- › Atlanta, 2020
- › Vancouver, 2021

» Europe – bi-annually (odd years)

- › Malaga Spain, May 2019.
- › Berlin Germany, 2021

» Performance-Based Codes and Fire Safety Design Methods – bi-annually (even years)

- › Auckland, New Zealand, March 2020
- › Paris, France, 2022.



Phoenix, Arizona 2019



A promotional graphic for the SFPE 19 Annual Conference & Expo. The top section is a red banner with a white flame icon and the text "SAVE THE DATE" in white. Below this is a photograph of the Phoenix skyline with mountains in the background and a saguaro cactus in the foreground. The bottom section is a white curved banner containing a grey cactus icon, the event title "SFPE19 ANNUAL CONFERENCE & EXPO", the location "Phoenix, Arizona", and the dates "Conference: Oct 13-15 | Seminars: Oct 16-18". A red circular badge on the right side of the white banner states "Registration Opens MARCH 2019".

SAVE THE DATE

SFPE19
ANNUAL
CONFERENCE & EXPO

Phoenix, Arizona
Conference: Oct 13-15 | Seminars: Oct 16-18

Registration
Opens
MARCH
2019

Webinars: Focused in Europe

Presenter	Webinar	Date
María Fernández-vigil Iglesias	Fire Safety in dwellings occupied by elderly people. The Spanish case	9 September 2019
Lars Bostrom	Facade Fires - Recent Developments in Europe	16 September 2019
Matteo Pugnalin	"Intelligent Egress in a Historical Building	7 octobe 2019
Felipe Herrera	Structural Performance and Particularities of Multi-Story Intermodal Steel Container Structures at Elevated Temperatures	21 October 2019
Maria Lappano	Crowd Management and Control - Case Study For a Stadium Using Pedestrian Dynamics® Software	11 November 2019
Karl Wallasch	Design and Future Trends of High-Rise Residential Towers – A Comparison between UK and German Regulations	25 November 2019
Robert Jonsson	PERFORMANCE BASED DESIGN OF FIRE SAFETY IN HIGH-RISE TIMBER BUILDINGS	9 December 2019

Educational Programs - Events

» Symposium: Engineering Solutions for Cultural and Heritage Sites.

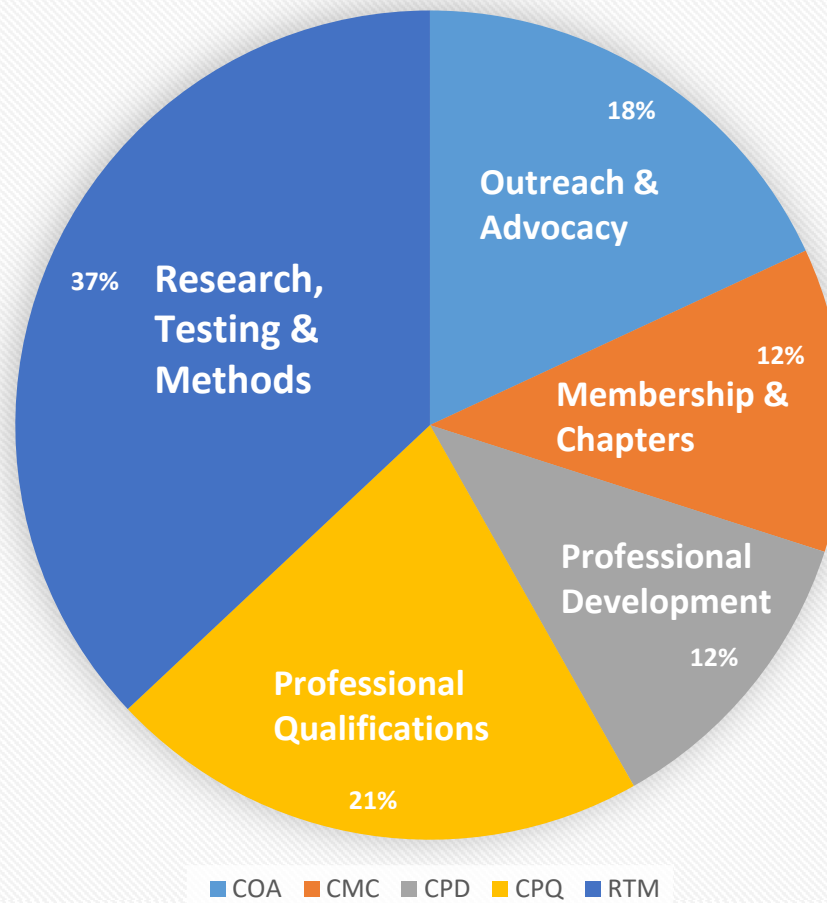
» **May 2020 – ROME**

» 4th European Conference. 2021 – BERLIN:

» International PBD Conference. 2022 – PARIS.



Standing Committees – 354 volunteers



Is SFPE interesting for me

- › YES- Good **Networking**:
 - › Increased number of chapters and members worldwide.
 - › Important actor in Europe. Participate in Decisions organisms, European Commission.
- › YES – To have access to a **Educational** programs.
- › YES – to promote **recognition of our profession**.
- › YES – To actively participate in influences **Technical Committees**.
- › YES - Access to Technical documents, magazines, etc.

A hand holding a black pen, pointing towards the large, bold, red text 'THANK YOU' in the center of the image. The background is a dense word cloud featuring the word 'THANK YOU' in various languages and scripts, including English (e.g., 'THANK YOU', 'THANKS', 'THX'), Russian (e.g., 'СПАСИБО', 'СЛАВЯ'), Japanese (e.g., 'どうも'), Korean (e.g., '고맙습니다'), and others. The words are in different sizes, colors (mostly grey and white), and orientations, creating a textured, layered effect. The overall theme is gratitude and global communication.