

## EXECUTIVE COMMITTEE

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### Vice Chairmen

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Prof Ai Sekizawa, Asia  
Prof Arnaud Trouvé, Americas

### Secretary

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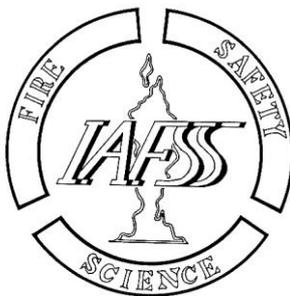
Prof Bart Merci, Belgium

### Immediate Past Chairman

Prof Bogdan Dlugogorski, Australia

### Executive Members

Prof Charley Fleischmann, New Zealand  
Dr Christopher Wieczorek, USA



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# MINUTES IAFSS Full Committee Meeting (FINAL)

Held in conjunction with  
INTERFLAM, Royal Holloway College, Nr Windsor, UK

**Venue:** Luggage room

**Date:** 4 July, 6.00 - 7.30 pm local time

**Teleconference access:** Available

### **Attendance:**

Luke Bisby (LB)

Charley Fleischmann (CF)

Jason Floyd (JF)

George Hadjisophocleous (GH)

Tuula Hakkarainen (TH)

Margaret McNamee (MM)

Guillermo Rein (GR)

Patrick van Hees (PvH, Chairman)

Chris Wieczorek (CW) (phone)

Attachments

## **1. Apologies for absence and introduction of invited members**

The meeting was opened by the Chairman PvH.

Apologies were received by the secretary before the meeting from WK Chow, Alexis Coppale, Bogdan Dlugogorski, Rita Fahy, Ed Galea, Michael Gollner, Anthony Hamins, Yaping He, Björn Karlsson, Brian Meacham, Bart Merci, Al Sekzawa, Jinhua Sun, and Arnaud Trouve.

## **2. Matters arising from the minutes of the last meeting**

The only other business that was unfinished was connected to the Young Researcher Award which will be dealt with later in the agenda. The question was deferred to §13a.

PvH reminded the members that the Minutes of the Full Committee meeting are now always posted on the IAFSS website after a comment period of 6 weeks. These can be accessed by:

<http://www.iafss.org/committees/committee-documents/>

Further the Executive Committee minutes are posted on a Full Committee

members only part of the area. This can be accessed by:

<http://www.iafss.org/committee-members/>

The easy accessibility of the Minutes is a direct result of decisions made at the Meeting of the Full Committee in Christchurch in support our goals to become more and more transparent.

### **3. Report from the Secretariat**

Annex 1

Carole Franks will not continue and has indicated that there needs to be an alternative solution in the future for the Secretariat. Due to the nature of the organisation (it is registered as a Charity in the UK) it is important that there are UK members on the Board of Trustees and is easiest if the Secretariat is in the UK although not legally required. A description of the tasks of the Secretariat are given in Annex 1.

**ACTION: The Chairman (PvH) will put forward a proposal for action for the next meeting.**

### **4. Organisation of the 12<sup>th</sup> Symposium (reported by Prof van Hees) – Status**

Preparations are moving forward as planned. Rooms booked, budgetry planning underway etc.

### **5. Report on the Program Committee (reported by Prof. Van Hees)**

The Call for Experts has gone out with good response. The Call for Nomination of Keynote speakers has also been distributed and nominations are presently being received.

The Call for Nominations for Awards has gone out and Nominations are presently being made.

Workshop (WS) topics have been decided, majority of WS panellists have been selected. Indeed TH reported that planning for the WS is a bit ahead of schedule.

### **6. Report on the Asia-Oceania Association for Fire Science and Technology**

No report had been received.

It would be good to obtain the views of the conference concerning publication of the proceedings. This has been the action of the local organisers. This is something that appears to be different for each Symposium.

### **7. Printing of the proceeding (Prof Charley Fleischman)**

Annex 2: Task Group report

PvH opened this point and handed over to CF as Task Group leader for the

## Task Group on Proceedings.

A report was distributed shortly prior to the meeting concerning the work of a Task Group to investigate publication of the proceedings in the future, see Annex 2. The process was started some 9 months ago. The starting point for the Task Group was that we should aim to have at least 90% of acceptable papers to be included in a proceedings, that the papers obtain an impact factor and that the process should require minimal new reviews given the existing rigorous reviewing process for the symposium.

Four publishers were approached: Elsevier, Sage, Springer, and Wiley. Elsevier was approached first due to their existing relationship with the Association. Initially Elsevier was not particularly interested in publishing the full proceedings. Ultimately two publishers were most interested in publishing the papers in special issues of their journals and were asked to provide a written proposal including costs associated with their proposal.

Elsevier has recently been through some major changes in the Editorial staff and the Publisher representative. Therefore they asked to revise their offer. The timing for offers was essentially closed but LB (one of three new Editors in chief) was allowed to provide details of the offer at the meeting.

It was noted at the meeting that it was never the intention of the Task Group to pitch different publishers against each other and the members the TG present at the meeting (CF, PvH and MM) expressed strong concerns about the ethical aspects of the turn of events. The process to obtain quotes has been conducted in an open manner with each publisher obtaining a written request for information concerning their willingness to work with the society in publishing the proceedings and obtaining an impact factor for all the papers. The late revision of the Elsevier offer after other offers had been presented to the Executive Committee was not solicited by the Task Group; but given the circumstances, the meeting determined that it would give Elsevier two weeks from the date of the meeting to submit a clear formal written offer (rather than by proxy) signed by the management.

The key points for offer on publishing the proceeding include:

- No cost for publishing the symposium papers in a special issue of the journal.
- Target of publishing 90% of the papers presented at the symposium in the special edition.
- No new technical review of the papers should be necessary apart from an administrative and editorial process and there should be a long term engagement.

Further LB admitted to being surprised about the terms of the existing agreement between Elsevier and the Association. Clearly this is a good opportunity event to revisit this agreement. In light of the changes in editorial and publishing staff this agreement should be revisited and a new agreement signed in line with a renewed commitment that is equally beneficial to both the publisher and the association. No time line was decided on this renewal of the agreement but this dialogue should be done

in connection with that concerning the publication of the proceedings.

**ACTION:** LB will submit a formal offer from Elsevier within 2 weeks from this meeting to CF as the Task Group leader. The Task Group will consider this and make a new proposal for email decision within the Full Committee before the middle of august.

**ACTION:** The secretary (MM) will launch an email ballot from the Full Committee to accept the Task Group's final recommendation for publishing the proceedings.

**ACTION:** The Chair will take responsibility to continue the dialogue with Elsevier concerning renewal of the agreement to move it towards something more mutually beneficial, in parallel to the decision on the proceedings.

## **8. Fire Safety Journal (Luke Bisby)**

There was no time to discuss the status of the Journal at this point. LB agreed to provide a PPT with an update, see Annex 3.

Annex 3

## **9. IAFSS Website (Prof Michael Gollner)**

Michael was not able to participate in the call. Michael will be on leave in august and Nils Johansson (LTH) will assist in website issues. The Committee notes that the website is run in a very effective way.

## **10. IAFSS Newsletter (Dr Rita Fahy)**

Rita was not able to participate in the call, no update was available but the chairman would contact Rita for the deadline of the next newsletter.

## **11. European Symposia of IAFSS (Evaluation)**

There will be a Special Issue of Fire Technology for the 2<sup>nd</sup> European Conference. The question of whether there should be 3<sup>rd</sup> European Symposium was not resolved. There have been a couple of interested parties but this will be something that is membership driven rather than Association driven.

The format of the conference was very interesting. It needs to be clear that a short presentation is needed from each participant and the 6 page papers have to be extended if they are to be included in e.g. a journal. This part needs better communication.

**ACTION:** A discussion of whether we should plan to hold a new European Symposium will be included on the agenda in Lund.

## **12. Memberships drive**

PvH described that there are some problems with the student membership in that there are very few who transition to full members. Last year PvH sent a personal letter to all students who were expected to graduate urging them to become full members. The only replies that were received were

from those stating that they were still students and would like to retain their free membership. We need to be more active in terms of involving students in participating in different events. Could we organise a student social event? The chairmen informed that Lund was planning a PhD course before the next symposium on ethics.

**ACTION: The committee should have a more robust discussion of student involvement in the Association in Lund.**

### 13. Any other business

Annex 4

#### a. Young Scientist Award (Prof. Guillermo Rein)

The Committee supports the two awards should be awarded as suggested by the Task Group, see Annex 4.

**ACTION: PvH will contact Anthony Hammins to inform him of these awards and to propose GR as coordinator for the Young Scientist awards.**

**ACTION: GR will partner with PvH in writing a description of the awards, i.e. short bio of Proulx and Magnusson as well a call for nominations.**

#### b. Nominating committee – Status

This process will start soon. The chairman will contact the chair of the nominating committee for more information.

### 14. Date (and time) of next meeting

Next meeting is in conjunction with the LUND conference. Timing will be distributed closer to the event.

## **ADMINISTRATION OF ASSOCIATION – April 2014**

Since 2001 Interscience has provided the IAFSS facilities and resources at their offices in Greenwich, London, UK.

### **Office Facility (CF and LS)**

9-5pm, 5 day week cover for postal, telephone, fax and e-mail enquires (UK public and bank holidays excluded).

The telephone number is via the Interscience switchboard.

A dedicated e-mailbox has been provided since 2001 and is checked regularly through each working day.

### **Membership Database (LS)**

#### **i. Database Maintenance**

The Membership database is kept up to date changes of status or address are be imputed on a regular basis.

### **Membership Renewals (LS)**

Membership renewal notices are sent out by email at the beginning of December for the following years fees.

Members are then chased again in January and February. In early March they are sent a last reminder and then they are unticked as being a Current Year members. Their record still is kept on the database but not included as a "Current Member"

Membership payments are collect on-line via credit card or manually by credit card using Interscience facility or by cheque.

Each payment is given an invoice number – Paid invoices are sent to the member along with confirmation letter of their membership.

### **Accounts (CF)**

Keep electronic daybook of all IAFSS transactions.

IAFSS book-keeping paperwork is checked by Interscience Accountants.

The monies collected are then inputted into an annual reconciliation between the Interscience and IAFSS this Reconciliation is prepared and sent to the IAFSS Treasurer which is then Audited by the IAFSS Auditors. The Reconciliation are inputted to the Business Meeting of the Association.

## **Charitable Status (CF)**

Carole is a member of the IAFSS Board as in order to maintain its charitable status in the UK it has to have 1 member in England. Therefore Carole is opted onto the Management Committee of the IAFSS.

As there are strict laws governing the nationality of those who can file a Charity Commission Return then this is done by Carole Franks (US citizens cannot do this, for 12 years the Treasurer has been from USA). The Treasurer completes the paperwork and Secretariat completes and files the Return on line and signs on behalf of the IAFSS.

The Secretariat completes Charity Commission paperwork and send for signature to Board members when necessary.

Replacement of Officers need to be minuted and copies and new signatures and necessary forms and new paperwork have to lodged with the Charities Commission.

All paperwork is filed and stored at Interscience. Copies are sent electronically to the Treasurer.

## **Bank Interaction (CF)**

The Secretariat is the main point of contact for the IAFSS Bankers – UBS. Carole is an authorised signatory to the IAFSS bank account (along with Dougal Drysdale). US citizen cannot be authorised signatory. There are very complex rules governing bank accounts operated by Charities with international boards. (anti-money laundering). It, therefore falls upon the Secretariat to organise and implement the completion and signatures of all paperwork on behalf of the Charity and issue instruction for all payments to the bank. This is done under instruction from the Treasurer and duplicate instructions and paperwork have to be produced and sent for countersignature that has to be forward to the bank.

Each month bank and investment statements are scanned and sent electronically to the Treasurer. All original paperwork is filed and stored at Interscience.

## **Committee Meetings (CF)**

Carole Franks attends any Committee meetings. This is regularly every 3 years with intermittent meetings during other international conferences (ie Interflam). For journeys to meetings more that 6 hours then a day's travel would be charged for the outward journey and again on the return).

Attendance at all 3 Committee meetings for the management of the IAFSS held at the 3 yearly Symposium.

### **Liaison with Association Officers (CF)**

There will be a line of communication open to a senior Association Officers at all times to answer any questions that may arise in the day-to-day management of the Association.

Main interaction is with the Treasurer, Secretary and Chairman throughout the year. These are varied, free ranging and regular.

In addition there is regularly interaction between the webmasters and the Newsletter Editor.

### **Membership Marketing**

If the IAFSS required Interscience to market the Association and produce and initiate a membership campaign then this would be viewed as a separate project.

### **Newsletter (LS and CF)**

The Newsletter is now electronically distributed and since 2012 the formatting and copy editing is no longer the responsibility of Interscience but the Editor. Interscience issues a Call for News on behalf of the Editor. The Newsletter has two issues per annum. (Original contract 1 per annum).

### **Website (CF)**

Since 2012 Interscience no longer operates, designs or maintains the website. Sending information for publication where necessary.

### **Conference Proceedings and Sales (LS)**

Interscience sell past conference proceedings for a charge of \$25 per book plus the cost of packaging/postage. Commission payments for credit cards charges and bank charges are deducted from the gross price.

Interscience stores all volumes of past IAFSS conference proceedings. Volume of sales have decreased significantly since the volumes were made freely available on-line.

### **IAFSS Symposium (CF)**

Providing a wide ranging, overseeing brief and giving advice where necessary to the local host/organiser. Reviewing the Symposium Budget along with the Treasurer. Taking part in conference calls to ensure the event is progressing in line with the objectives of the IAFSS. Providing back up of documents where necessary.

Promoting the IAFSS at the Symposium and acting as a point of contact during the Symposium.

To: Full Management Committee of the IAFSS

From: Task group on the future publishing of IAFSS Proceedings

Re: Recommendations for Publishing 12<sup>th</sup> Symposium Proceedings

Nine months ago a task group took on the responsibility of finding the best way for publishing future symposium proceedings. With the changes that are occurring in most frameworks for evaluating research excellence in the academic and research institutions, self-publishing of future proceedings renders our papers of limited value. This is seen as a threat to future symposium with our potential authors choosing to publish in peer reviewed journals with impact factors rather than submitting their best works to the symposium.

Over the last several months we have talked with the 4 major publishers in the area of fire research: Elsevier, Sage, Springer, and Wiley. The committee developed a “wish list” for future publications of the symposium papers:

- Publish most if not all papers in several special issues (SI) of a peer reviewed journal
- Make the process from acceptance to publication in a SI as simple as possible.
- Make the papers freely available to our members and symposium delegates.
- Maintain our identity by including the IAFSS logo on the papers.
- The SI should follow “green” route and have the “gold” route available upon request.

The committee also considered publishing the papers as a proceeding in an online service such as Proceadia. Such publications do not have an impact factor and do not meet the needs of our authors.

All four publishers were contacted and expressed an interest in working with the IAFSS to publish our papers. The 4 publishers were interviewed by the task group and the following are the summaries of the individual publisher’s interviews.

**Elsevier** – publishes Fire Safety Journal (FSJ) and were interested in publishing some but not all of the papers from the symposium. At the time FSJ was selecting new editors and were uncertain what future arrangements might be. Elsevier did contact the task group in Feb 2016 and expressed an interest in publishing papers from the symposium but warned that many of the papers may not be of sufficient quality for publication. **Task group felt the interest from Elsevier was not in line with the aims of the Task Group as stated above.**

**Springer** – publishes both Fire Technology (FT) and Fire Science Review (FSR) and are interested in publishing papers from the symposium although publishing all papers would be difficult. Would like to take the best papers to (FT) and the invited papers to (FSR). Also expressed an interest in the possibility of publishing the papers in a supplement to FT. A supplement is a method of publishing common in for pharmaceutical companies that is somewhere between a trade journal and a peer reviewed journal. **Task group does not favour splitting papers between two journals.**

**Sage** – publisher of Journal of Fire Science (JFS) and are enthusiastic about publishing the proceedings. Sage expressed a desire to work with the IAFSS to publish all of our papers in JFS. They see the review process being relatively straight forward and would see many of our track chairs acting as guest editors of special editions of our papers. **Task group was very encouraged by the discussion and decided to short-list Sage.**

**Wiley** – publishes Fire and Materials Journal (F&M) and are enthusiastic about publishing the proceedings. Wiley expressed a desire to work with the IAFSS to publish all of our

papers in F&M. They see the review process being relatively straight forward and would see many of our track chairs acting as guest editors of special editions of our papers. **Task group was very encouraged by the discussion and decided short-list Wiley.**

Although all publishers expressed an interest in working with the IAFSS to publish at least some of our papers, the Task group short listed Sage and Wiley due to their interest in publishing all papers (subject to their final review and agreement of the authors). Both publishers believe that the IAFSS review process is robust and that in most cases it would seem reasonable to use the track chair as the guest editor for the SI. Both publishers are very keen to have the papers published in their journal so the task group asked both journals to submit prices for publishing our papers.

A summary of the pricing is given below and is based on 1400 pages published online.

***Journal of Fire Sciences*** (Impact Factor 0.857)

Basic Cost of producing proceedings £35,000-£40,000 GBP

Printed copies are available at extra cost

***Fire and Materials*** (Impact Factor 1.323)

(Converted to GBP for comparison based on US\$1 = £0.67 GBP)

Basic Cost of producing proceedings £23500 GBP

Printed copies are available at extra cost

At the 14 June meeting of the Executive Committee the **Task group recommended to the we publish our proceedings in Special Issues of Fire and Materials.** After the discussion it was agreed to accept the recommendation of the task group and present this to the full committee. It was noted in the minutes with regret the implied loss of the link between the IAFSS and Fire Safety Journal.

The following summarizes the details set out in our discussions with Wiley:

1. Publish all or most of the papers from the Symposium in SI of Fire and Materials
2. Publication of the issues could be distributed over 2 years.
3. IAFSS will propose the SI editors and the editor can work with F & M editors to effect fast publication using the prior reviews to streamline the process.
4. After acceptance, all papers will be professionally copyedited and typeset before appearing online as EarlyView papers prior to appearing in an issue.
5. The papers would be clearly identified as part of the symposium and receive a DOI.
6. Wiley can make the symposium papers freely available upon publication to delegates and members.
7. Abstracts will be available on IAFSS website and linked to the papers on F&M site.

**Proposal made to Executive Committee 14 June 2016:** Proceed with finalising a written agreement with Wiley concerning publication of the 2017 IAFSS proceedings based on the proposal summarised above. This was supported by the Executive Committee given available information at the time.

**Since the Executive Committee meeting Elsevier has expressed a renewed interest in working with the association to publish our papers and will be presenting a revised proposal at the meeting.**



ELSEVIER

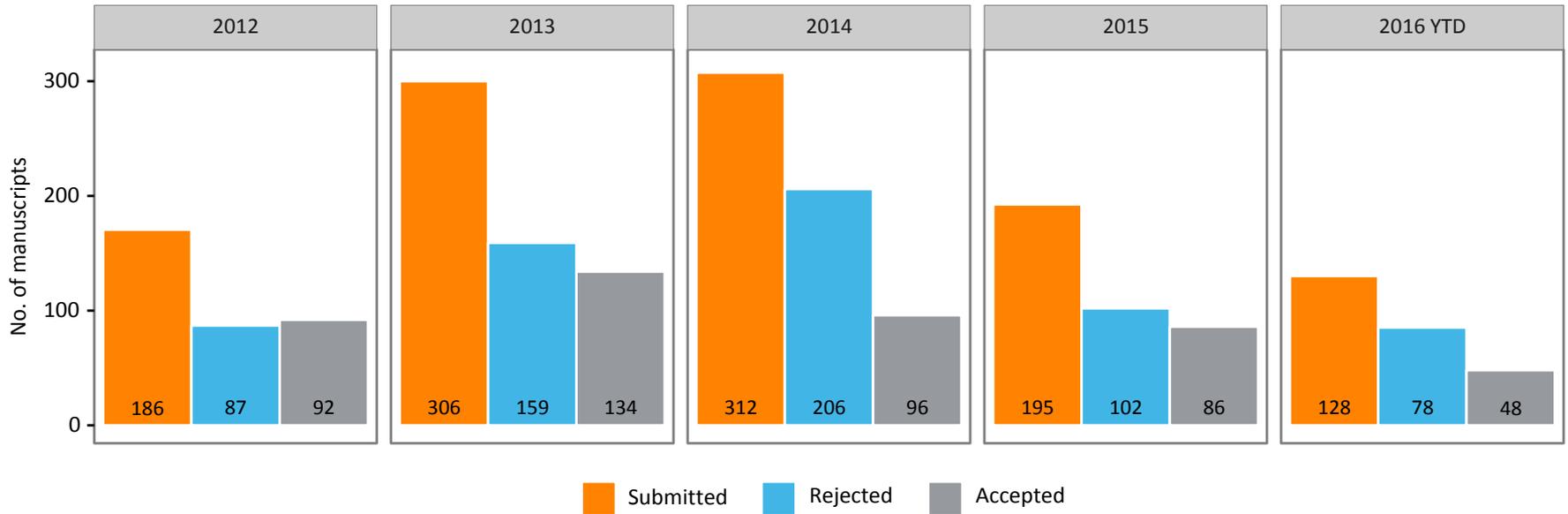


# *Fire Safety Journal*

## Journal Update

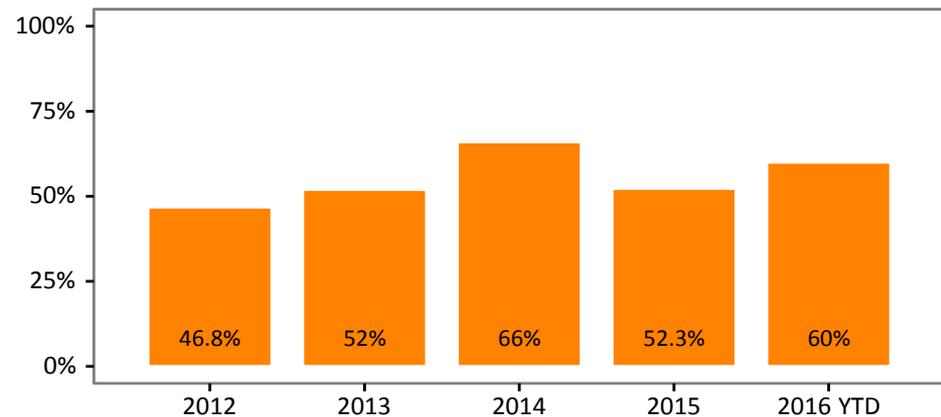
**Journal Update, 2016-06-01**  
Angela Welch, covering Publisher

# Submitted manuscripts & decisions made

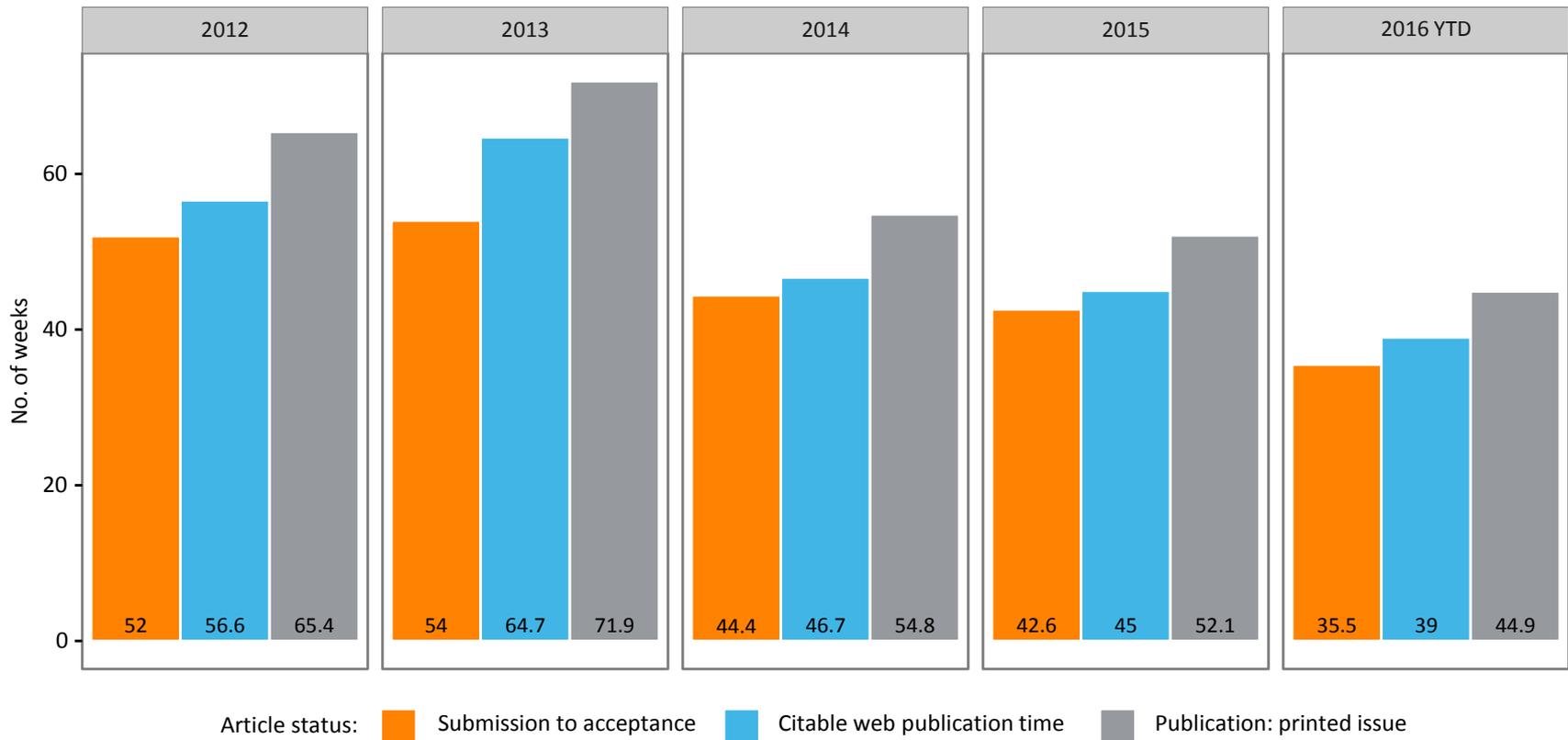


- 68% of rejections occur prior to review

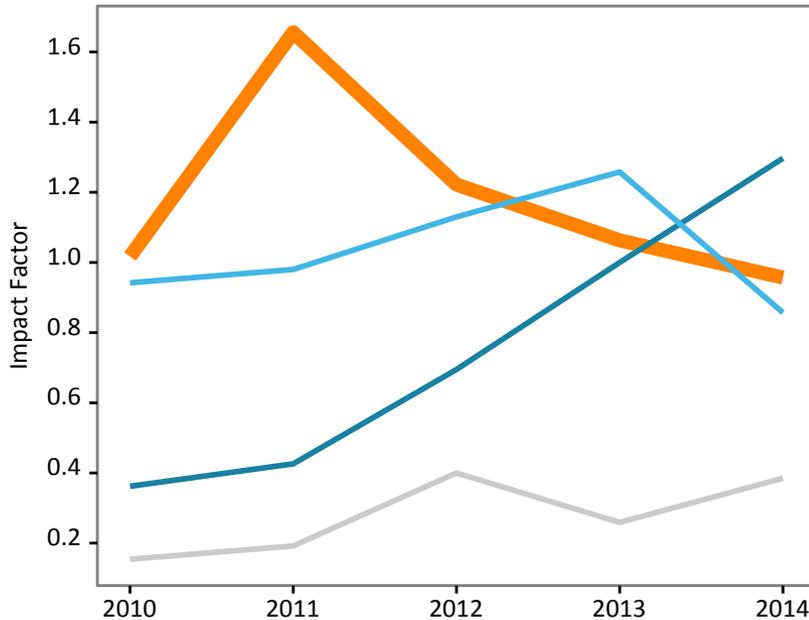
## Rejection Rate



# Publication speed



# Impact Factors



- 2011 = outlier
- Resultant increase in submissions/acceptances in 2013, but no proportional increase in citations

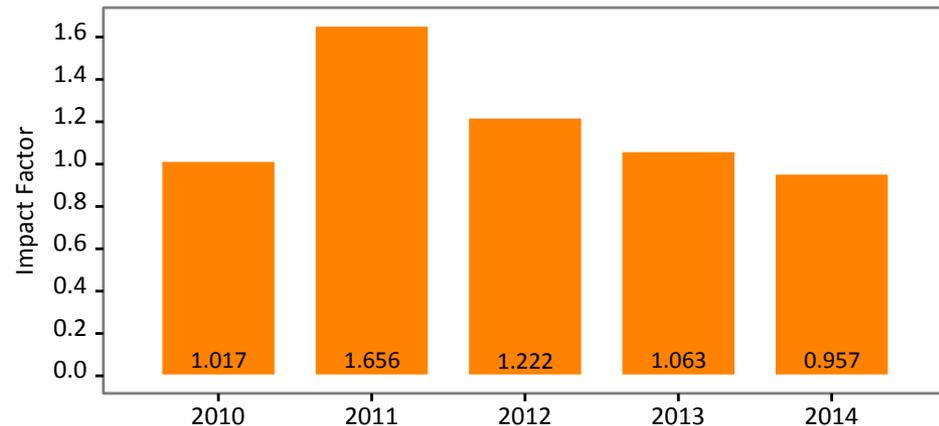
Category	Rank	Total Journals	Ranking %
ENGINEERING, CIVIL	61	124	49.0%
MATERIALS SCIENCE, MULTIDISCIPLINARY	186	259	72.0%

Journals:

- FIRE SAFETY J
- FIRE TECHNOL
- J FIRE PROT ENG
- J FIRE SCI

Year	Total Cites	Journal Impact Factor
2014	1,895	0.957
2013	1,659	1.063
2012	1,344	1.222
2011	1,292	1.656
2010	1,141	1.017
2009	1,073	1.259
2008	731	0.761
2007	573	0.514
2006	463	0.481

Fire Safety Journal



## Top 10 cited articles 2015, published in IF window (13/14)

Citations	Article title	Authors	Vol_Iss	Doctype
11	Experimental investigation of atomized water droplet initial parameters influence on evaporation intensity in flaming combustion zone	Vysokomornaya O., Kuznetsov G., Strizhak P.	70C	Article
8	Studies on buoyancy driven two-directional smoke flow layering length with combination of point extraction and longitudinal ventilation in tunnel fires	Chen L., Hu L., Tang W., Yi L.	59C	Article
7	A probabilistic occupant evacuation model for fire emergencies using Monte Carlo methods	Zhang X., Li X., Hadjisophocleous G.	58C	Article
7	Adaptive flame detection using randomness testing and robust features	Wang D., Cui X., Park E., Jin C., Kim H.	55C	Article
7	Hybrid fire testing for assessing performance of structures in fire - Methodology	Mostafaei H.	58C	Article
6	Ceiling temperature distribution and smoke diffusion in tunnel fires with natural ventilation	Kashef A., Yuan Z., Lei B.	62/PARTC	Article
6	Heat transfer in concrete-filled carbon and stainless steel tubes exposed to fire	Tao Z., Ghannam M.	61C	Article
6	Optimising the spatial location of urban fire stations	Murray A.	62/PARTA	Article
6	Relevant model complexity for non-charring polymer pyrolysis	Bal N., Rein G.	61C	Article
6	Review of wildfire detection using social media	Slavkovikj V., Verstockt S., Van Hoecke S., Van De Walle R.	68C	Article

## Top 10 most downloaded articles from SD Q1 2016

Downloads	Article title	Author	Year	Vol/Issue
1257	Situational awareness for supporting building fire emergency response: Information needs, information sources, and implementation requirements	Li, N.; Yang, Z.; Ghahramani, A.; Becerik-Gerber, B.; Soibelman, L.	2013	63/0
883	Building safety and human behaviour in fire: A literature review	Kobes, M.; Helsloot, I.; de Vries, B.; Post, J.G.	2009	45/1
563	Fire risk perception and building evacuation by vulnerable persons: Points of view of laypersons, fire victims and experts	Tancogne-Dejean, M.; Laclemece, P.	2015	80/0
487	Fire risk analysis of residential buildings based on scenario clusters and its application in fire risk management	Xin, J.; Huang, C.	2013	62/0
442	A decision model for recommending which building occupants should move where during fire emergencies	Groner, N.E.	2016	80/0
382	Fire safety regulation: Prescription, performance, and professionalism	Spinardi, G.	2016	80/0
368	Study of tunnel pavements behaviour in fire by using coupled cone calorimeter - FTIR analysis	Puente, E.; Lazaro, D.; Alvear, D.	2016	81/0
343	Experimental investigation of the fire resistance of multi-layer drywall systems incorporating Vacuum Insulation Panels and Phase Change Materials	Kontogeorgos, D.A.; Semitelos, G.K.; Mandilaras, I.D.; Founti, M.A.	2016	81/0
342	Modeling and simulation of liquid pool fires with in-depth radiation absorption and heat transfer	Sikanen, T.; Hostikka, S.	2016	80/0
326	The role of modelling in structural fire engineering design	Law, A.	2016	80/0

# Editor-in-Chief's Featured Articles

## The Journal of Supercritical Fluids Editor-in-Chief's Featured Article

November-December 2015

Awarded to  
A.E. Lebedev, A.M. Katalevich, N.V. Menshutina

For the article  
**Modeling and scale-up of supercritical fluid processes. Part I: Supercritical drying**

Volume 106, November-December 2015, Pages 122-132



*Erdoğan Kiran*  
**ERDOGAN KIRAN**  
Editor-in-Chief  
The Journal of Supercritical Fluids

*Angela Welch*  
**ANGELA WELCH**  
Senior Publisher  
Elsevier



### Featured Articles

#### Latest Editor-in-Chief's Featured Articles

Free online for 3 months

#### Editor-in-Chief's Featured Articles, Archive

[View All](#)

## ELSEVIER

Free online for 3 months

### Latest Editor-in-Chief's Featured Articles, April - August 2015

Each month, we identify a Featured Article published in the *Journal of Supercritical Fluids*, which we feel is of interest to the broader scientific community. These articles are made freely available for a period of three months.

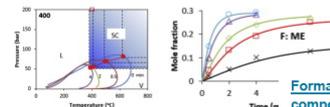
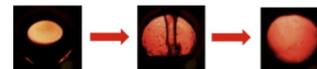
Five articles from April to August 2015 have been selected as Featured Articles.



#### [Production of biodiesel from microalgae oil \(Chlorella protothecoides\) by non-catalytic transesterification: Evaluation of reaction kinetic models and phase behavior](#)

April 2015

Jiuxu Liu, Ronghong Lin, Yue Nan, Lawrence L. Tavlarides

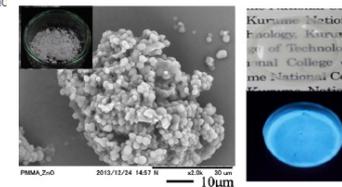


#### [Formation of poly\(methyl methacrylate\)-ZnO nanoparticle quantum dot composites by dispersion polymerization in supercritical CO<sub>2</sub>](#)

August 2015

Kiyoshi Matsuyama, Yu-ki Maeda, Takaaki Matsuda, Tetsuya Okuyama, Hiroyuki Muto

In this article, the manuscript reports on the synthesis of poly(methyl methacrylate)-ZnO composite nanoparticles from microalgae oil with methanol as a function of reaction temperature (200-300 bar), methanol-to-oil ratio (6-12), and reaction time (1-4 h).



The authors describe formation of composite nanoparticles of ZnO quantum dots (QDs) and poly(methyl methacrylate) by the dispersion polymerization of methyl methacrylate in supercritical CO<sub>2</sub> with surface modified ZnO QDs. Poly(dimethylsiloxane)-g-pyrrolidonecarboxylic acid was used as a stabilizer during polymerization. Quantum dots are of importance as photoluminescent materials in bio-imaging, photonics and optoelectronic applications. Imbedding quantum dots in polymeric matrices enhances their stability and prevent agglomeration and this study shows that supercritical fluid assisted process provides an environmentally benign process for producing stabilized luminescent materials.

I hope you enjoy reading these articles.



Prof. Erdogan Kiran (Virginia Tech, USA)  
Founding Editor, Editor-in-Chief, *Journal of Supercritical Fluids*

## **Young Scientist Award proposal from the TG led by Guillermo Rein.**

Dated 29/10/2015

The Proulx and Magnusson Early Career Awards recognise meritorious work by younger members of the International Association of Fire Safety Science (IAFSS) who have contributed a body of work that is of significance to any area of fire safety science. The two awards are distinguished by the duration of time from the candidates' doctoral degrees to the nomination date. Each of the awards shall consist of a certificate and a monetary sum of £3000.

For the Proulx Award, candidates must be at the time of nomination within five years of their Doctoral degree graduation. The award commemorates Guylene Proulx, expert in human behaviour in fire at National Research Council Canada, and IAFSS Board member who passed away in 2009.

For the Magnusson Award, candidates must be at the time of nomination within five to ten years of their Doctoral degree graduation. The award commemorates Sven Erik Magnusson, pioneer of parametric fires and of risk management, and co-founding father of IAFSS who passed away in 2014.

The awards will be administered together with all other IAFSS awards. Normally one Proulx and one Magnusson awards shall be made at each symposium; however, fewer awards will be made, if, in the opinion of the panel of judges, candidates of sufficient merit have not been proposed for any of the awards. The awards shall be presented at the IAFSS Symposium.