

**Occupational health & wellbeing:
linking research to practice**

Congress Report

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I would like to express my sincere gratitude and congratulations for the exceptionally successful and well organized ICOH 2018 Congress in Dublin. With the personal leadership of the Congress President Prof. Martin Hogan, Prof. Ken Addley Chair of the Scientific Committee, and the whole devoted and professional team of the Royal College of Physicians of Ireland (RCPI), Faculty of Occupational Medicine, and that of the Congress technical team ensured that we had 2223 happy and well-informed participants from 114 countries. I also applaud the Organising Committee for publishing this report covering the whole process of preparation, operation and wonderful completion of the Congress.

The Congress, and in particular the Opening Session, Global Policy Forum and other sessions recognized well the importance and links with our strategic partners including ILO and WHO. This was supported by strong links with ICOH sister organisations and counterparts.

The need for global action using evidence-based solutions, the ethical necessity of covering those that are most vulnerable at work and engaging and encouraging the world community of occupational safety and health to take further steps towards health, safety and well-being at work was a key outcome of the Congress.

The Congress covered a wide range of topics as expected with special attention being given to *Occupational Cancer*. This emphasis started in the Opening Ceremony and was built on in the Global Policy Forum resulting in the drafting of the [Dublin Statement](#). This Statement established a comprehensive, solid, evidence-based and strong legacy guiding all key stakeholders to ethical and revitalised future action and follow-up in eliminating exposures wherever they appear.

We at the ICOH are very pleased – and I am sure all participants will agree - that the Dublin Congress and the outcomes were substantial and promoted science and practice in occupational health and safety globally. It surely was a great opportunity to meet friends and colleagues all over the world and to taste the Irish culture and her products.

I wish that the ICOH2018 Congress report will be shared with all participants who want to recall the memorable moments. It will be a new benchmark for those planning for future Congresses as well. Again my special appreciation goes to all the staff of the ICOH2018 Dublin and I am counting on continued close relationships and collaboration with the Irish Faculty of Occupational Medicine and the Royal College of Physicians of Ireland and all Irish people interested in occupational health and safety.

A handwritten signature in black ink, appearing to read 'Jukka Takala', written in a cursive style.

Dr. Jukka Takala
President ICOH, FFOM (Hon)



Preparations for ICOH 2018 Congress in Dublin began as far back as 2012 when Dublin was chosen as the venue by ICOH members voting at the Cancún Congress. In the intervening six years the huge amount of effort put in by numerous people paid off in what I believe was a hugely successful Congress. This report marks the record of this Congress.

The Local Organising Committee was largely composed of members of the Faculty of Occupational Medicine of the Royal College of Physicians of Ireland, but also other Occupational Health professionals including Occupational Health Nurses, Hygienists, Ergonomists, Occupational Psychologists, Toxicologists and academics and I am grateful for their valued input.

I would also like to thank our PCO, Conference Partners International, for their expertise, experience and ability to deal with such a large undertaking. The Conference Centre Dublin, was a marvellous location. I would like to thank the management and staff of CCD for their expertise in ensuring a seamless event.

I am particularly proud of the Scientific Programme which was presented. A record number of abstracts were received, despite logistics necessitating a closing date for receipt in mid-2017. However, it is one thing receiving these abstracts, it is another thing building a programme from them and this task was outstandingly performed by Prof Ken Addley and his Local Scientific Committee in close association with Marylyn Fingerhut, Vice President of ICOH, aided by the ICOH Scientific Committees.

I would like to thank the Officers, Board, and Secretariat of ICOH for their assistance in the years and months leading up to the Congress and indeed during the Congress itself. In particular, I would like to mention Dr Jukka Takala, President ICOH and Prof Sergio Iavicoli Secretary-General ICOH. I would like to thank all of our sponsors, particularly IOSH and Cardinus, our Platinum and Gold sponsors. The sponsors' support made the financial viability of the Congress possible.

For me, the highlight of the event was the Global Policy Forum. In that regard, I would thank Dr Jorma Rantenon, Past President of ICOH for his guidance in organising this. The Global Policy Forum led to the Dublin Statement, which is in my opinion a hugely important policy addressing the scourge that is occupational cancer. I was hugely proud to put my name to the Statement which I believe is gaining traction by the month.

In conclusion, I do hope that all of you who attended the Congress enjoyed it, learnt from it, met new friends and colleagues, and most importantly will be able to apply what you have learned, wherever in the world you may be, to help protect and promote the Occupational Health of the world's workers. Finally the Congress ended with me passing the ICOH flag to Prof Malcolm Sim, President of the next Congress in Melbourne in 2021. I wish him and his team best wishes in what will be a very challenging next few years but one which I'm sure will lead to another marvellous Congress. I can assure them, and subsequent Congresses, that we will give whatever assistance we can.

A handwritten signature in dark ink, appearing to read 'Mark Hogan', written in a cursive style.

Dr Martin Hogan
President ICOH Dublin 2018



I want to both acknowledge and thank all of the members of my local scientific committee for their contribution and support in delivering what I believe was a very successful 32nd Triennial Congress of the International Commission on Occupational Health in Dublin, Ireland – 29th April to 4th May 2018. ICOH 2018 was undoubtedly one of the world's largest international conferences in the field of occupational health and safety where experts from all around the world shared their experience and knowledge. The Faculty of Occupational Medicine of the Royal College of Physicians of Ireland were delighted to have hosted the event and appreciate the assistance of our supporting organisations both in Ireland and beyond.

The programme had as its theme 'occupational health: research into practice' and included 11 plenary and 32 semi-plenary invited presentations. A record number of abstracts were received generating over 70 oral abstract sessions along with over 100 special sessions organised by the ICOH scientific committees. These sessions encompassed a broad range of multi-disciplinary OH topics and represented over 900 presentations and 300 hours of educational content. Over 800 posters were submitted and the popular student poster competition with various prizes available attracted over 50 entrants. Four worksite visits to major organisations in the Dublin area as well as an historical architectural walking tour added to the variety of the scientific programme.

Delegates had access to a dedicated conference app that enhanced their experience and European CME/CPD accreditation [EACCME] was obtained for physician delegates. A special feature and major component of the Congress was the expert Global Policy Forum on the theme of 'Preventing Occupational Cancer – global policies and strategy' which resulted in an important Dublin Statement on this theme.

I want to thank all those in the various ICOH Scientific Committees who organised sessions and reviewed abstracts and of course all those authors who submitted papers and agreed to give presentations at the Congress. I am grateful to Dr Martin Hogan and the local organising committee as well as to Dr Marilyn Fingerhut, VP ICOH, The Dean of the Faculty Dr Blanaid Hayes, President of the RCPI Prof Mary Horgan, Jukka Takkala ICOH President, and Sergio Iavicoli ICOH Secretary General for their support and input into the design and content of the programme. A special thanks to our Faculty administration and also our PCO Conference Partners International team who provided invaluable and professional assistance.

Lastly and importantly, I do hope that all delegates enjoyed the experience of this truly global conference with its excellent blend of keynote and parallel sessions on a range of the latest occupational health and safety topics and that they also had time to avail of the opportunity to socialise and network.

A handwritten signature in black ink, appearing to read 'Ken Addley'.

Prof Ken Addley OBE
Chair Local Scientific Committee

1. Congress Overview

The 32nd ICOH Triennial Congress April 29 – May 04, 2018 held in the iconic Convention Centre Dublin, Ireland was a great success! The programme had as its theme *Occupational health: research into practice* with delegates having the opportunity to learn about the latest developments in research and occupational safety and health practice. They were able to meet with expert speakers, other delegates and OSH professionals from across the world which facilitated the exchange of knowledge and views as well as building both professional and personal networks.

The main objectives of ICOH 2018 were to mirror those of the Commission, namely: to enhance the knowledge of members in the field of occupational health; to generate and disseminate scientific knowledge in occupational health; to support and promote use of knowledge in occupational health practice and in training; to promote and maintain the highest standards of moral and professional commitment to the OSH of workers and their families; share the latest research, knowledge and experience; and, reinforce mutual cooperation and solidarity of global OSH professionals.

Uachtarán na hÉireann, the President of Ireland, Michael D. Higgins sent his best wishes to the Congress in a written communication which included: *We are deeply grateful to the International Commission on Occupational Health for your important work in progressing all aspects of occupational health and safety. I wish you a successful world Congress as you gather here in Dublin and thank you for your valuable contribution to the creation of a more ethical world.*

The following summarises the main components of the Congress:

- 2223 delegates attended
- 85 grant recipients
- 10 keynote plenary presentations
- 32 keynote semi-plenary presentations
- 196 special and oral abstract sessions
- Over 700 general poster & 75 student poster presentations
- 852 academic presentations in the parallel sessions
- Over 330 hours of educational content
- 7 worksite visits and 2 historical walking tours of Dublin
- A tour of the Irish Naval vessel LE WB Yeats
- Over 800 attended the Congress Gala Dinner
- 64 exhibitors supported the event

From the total of 2223 delegates (male (57%) and female (43%)) - 1086 (49%) were ICOH members; 967 (43%) non-members; 119 (5%) accompanying persons; and, 64 (3%) exhibitors. Delegates represented 114 countries on 6 continents with, as expected, Europe having the largest proportion (49%); followed by Asia (23%); North America (9%); South America (8%); Africa (6%); and, Australia (5%).

Considering delegate attendance by country of origin, the host country was extremely well represented and predominant in the top 10: Ireland (176); United States (123); Japan (122); Finland (114); United Kingdom (111); Australia (99); Germany (84); Brazil (79); Italy (72); and, Belgium (71). Following assessment of applications for the award of grants to enable delegates to attend from low income countries: 83 were successful with 25 receiving a full grant (free registration, accommodation and airfare); the remaining 58 received partial grants: 33 (free registration); 22 (free registration and accommodation) and, 3 (free registration fee and airfare).

The Congress website, ICOH 2018, was a valuable communication and information tool which had 82,000 page views from going live in November 2016 with over 28,000 of these occurring in the four weeks prior to the commencement of the Congress on April 29th. It also facilitated registration, submission and review of abstracts and access to an organiser portal for setting up special and abstract sessions. Much effort was directed at marketing the Congress using the latest social media and other channels including: Google Adwords; online advertising; presentations and stands at relevant conferences and other events; Twitter; Facebook; LinkedIn and regular email marketing to appropriate groups.

An innovation at Dublin 2018 was the use of a dedicated conference app which greatly enhanced the delegate experience. This was supported by high quality WiFi available throughout the CCD. The app provided detailed information on the daily scientific programme, sessions and speakers, downloadable abstracts, poster presentations, creating personal programmes, facility to ask questions at plenaries along with polling, use of regular alerts/late programme changes and much more. Over 1500 delegates accessed the app mostly on a mobile device (79%) and during the course of the week there were 703,000 page views, 203 questions asked at plenary sessions, and 23,494 document downloads. A daily Congress Newsletter was also compiled and circulated to delegates.

Another new development was the accreditation of the Congress by the European Accreditation Council for Continuing Medical Education (EACCME®) with 28 European CME credits (ECMEC®s) awarded. Each medical specialist was able to claim the hours of credit spent in the educational activity and had to complete an EACCME® evaluation form. Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians were able to convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. All registered delegates were also emailed a Certificate of Attendance for ICOH 2018.

All submitted abstracts were published in a citable online supplement to the Occupational and Environmental Medicine journal. The OEM is a high quality international peer reviewed journal covering current developments in occupational and environmental health worldwide.

The 11th Meeting of the Global Network of WHO Collaborating Centres for Workers' Health took place in the RCPI, Kildare Street, Dublin [April 27-28, 2018]. In addition, 58 business meetings of ICOH Scientific Committees, meetings of chairs and secretaries, national secretaries, and regional meetings were held. This included: New & Old ICOH National Secretaries Meeting and New & Old Scientific Committee Chairs and Secretaries. The Occupational Health Nurses Association of Ireland hosted a unique global networking event on May 01 for international colleagues and leaders within the field of occupational health nursing. A student and early career/experienced experts networking lunch on Friday May 04 was a great success.

The Faculty of Occupational Medicine (RCPI) hosted a special event on Tuesday May 01 to honour the lifetime achievement and exceptional contribution to the science and practice of occupational

medicine of three of its Fellows: Prof Tar Ching Aw [posthumously by Prof David Koh]; Prof Raymond Agius; and Prof Ewan MacDonald OBE.

The 4th Student Poster Competition gave an opportunity for students to showcase their original research, meet other students involved with OSH, and interact with occupational health professionals. There were 75 posters in the competition which was held over three days and following interviews and scoring by judges – the best were given awards in a range of categories. Also, a partial fellowship to attend an ILO Master in OSH was assigned to two ICOH candidates from developing countries who give a scientific presentation.

Following the first ICOH General Assembly, the Congress was opened on Sunday April 29 by Dr Martin Hogan, Dublin 2018 Congress President with ICOH President Dr Jukka Takala giving the opening welcome address. This was followed by congratulatory addresses from: Martin O'Halloran (on behalf of the Irish Government), EU Commissioner Marianne Thyssen (Video), Deputy Director general Deborah Greenfield ILO (Video), Nancy Leppink ILO, Director General Tedros Adhanom Ghebreyesus WHO (Video), Dr Ivan Ivanov WHO, Director of Eurofound Juan Menéndez-Valdés and President of the Royal College of Physicians of Ireland Prof Mary Horgan. Dr Kurt Straif, Head of the IARC monographs program and the IARC Handbooks of Cancer Prevention at the International Agency for Research on Cancer, Lyon delivered the opening scientific keynote address on *The IARC Monographs and the Burden of Occupational Cancer*. Prof Bengt Knave was conferred with an ICOH Life Achievement Award at the ceremony in recognition of 25 years of commitment and support within the ICOH community. He was President of ICOH from 2000 to 2003 and organiser of the 1996 Congress in Stockholm, Sweden.

Each morning of the Congress began with two plenary sessions followed by eight parallel semi-plenary sessions – except for Tuesday May 01 - when the Global Policy Forum replaced the semi-plenary sessions. In the afternoons, there were parallel special and oral abstract sessions after which a range of business meetings and other events were held.

There were 11 plenary sessions delivered by speakers from the following continents: Europe (4); Asia (3); North America (1); South America (1); Australia (1); and, Africa (1). The gender composition of the plenary speakers was male (6) and female (5). The profile of the 32 semi-plenary presentations was as follows: Europe (13); Asia (10); North America (4); Africa (2); Australia (2); and, South America (1). The gender composition of semi-plenary speakers was male (18) and female (14).

1734 abstracts had been submitted and following review, 1682 were accepted. There were 777 general posters; 363 papers given in oral abstract sessions and 489 papers delivered in special sessions. Continent of origin of the submitted abstracts were: Europe (701); Asia (448); South America (186); North America (160); Africa (132); and, Australia (29). In total: there were 196 parallel sessions (106 special sessions and 90 oral abstract sessions) with 852 individual presentations delivered during the week.

The top 10 parallel session themes were: work organization and psychosocial factors (192); epidemiology (117); health services research (101); occupational health for health care workers (95); musculoskeletal disorders (92); occupational medicine (89); respiratory disorders (87); accident prevention (75); occupational health and development (67); and, work disability prevention and integration (65).

A special feature and major component of the Congress was the Global Policy Forum on the theme of Preventing Occupational Cancer – global policies and strategy. A range of leading experts in the field including WHO and ILO along with expert views from the regions discussed relevant policies and

strategies for the future. The session was chaired by Dr Jukka Takala and included presentations from Dr Kurt Straif, International Agency for Research on Cancer; Dr Shengli Niu, International Labour Organization; Dr Bill Gunnyeon CBE, Chair IOSH Board of Trustees; Mr Hans-Horst Konkolewsky, International Social Security Association; Dr Christa Sedlatschek, Director of EU-OSHA; Dr Paul Demers, Director of Occupational Cancer Research Centre in Canada; Dr David Rees, National Institute for Occupational Health South Africa; Dr Timothy Driscoll, University of Sydney, Australia. The Forum was well attended and the app polling facility was used to identify priorities. The session also facilitated the development of a *Dublin Statement on Occupational Health: New Avenues for Prevention of Occupational Cancer and Other Severe Occupational Health Hazards*.

During the Congress week, there were a total of 7 worksite visits to: Dublin Port; Tesco Distribution Centre; Diageo Ireland/Guinness Brewery; Irish Aviation Authority and Irish Naval vessel LE WB Yeats. In addition to the formal scientific programme, the Safety and Health Exhibition showcased the latest technology, equipment and ideas related to occupational health and safety. A number of short presentations on the theme of Best Practice were also delivered by exhibitors.

The Congress dinner was held on Thursday May 03 with over 800 people attending. The occasion was a great success according to those who were in attendance. The Congress Closing Ceremony was held on the afternoon of Friday May 04 where President Jukka Takala congratulated the local organisers for hosting a successful event. He also thanked all delegates for their active and positive participation in the Congress. On behalf of the local organisers, Dr Martin Hogan and Prof Ken Addley gave presentations outlining the key information and facts of the 2018 Congress. This included results of an evaluation where 85% of respondents indicated they had a 4 or 5 star experience at ICOH 2018.

The Dublin Statement on Occupational Health: New Avenues for Prevention of Occupational Cancer and Other Severe Occupational Health Hazards was signed jointly by the President Dr Jukka Takala and Dr Martin Hogan.

At the ceremony, winners of the Student Poster prizes were given awards as follows: First, second and third places and five runners-up. In addition, the Irish Faculty Doughty Prize was awarded for the best poster in the WOPS category; International Institute of Risk and Safety Management Prize for Most Popular Student Poster voted by Participating Students and, Cardinus Risk Management Prize for The Most Popular Poster voted by Attendees of ICOH 2018. The Irish Society of Occupational Toxicology Prize for the best general poster in the toxicology category was also awarded.

The announcement of the 2021 Congress was given by Prof Malcolm Sim, President of the ICOH 2021 Melbourne Organising Committee and Melinda Miller ANZSOM President following which the ICOH flag was handed over to the Australian delegation by Dr Martin Hogan. The President, Dr Jukka Takala drew proceedings to a close indicating that the original objectives had been met and offering his best wishes to all delegates.

2. Registration

2.1 Registration - ICOH Membership

ICOH Member	ICOH Non-Member	Total
1086	1137	2223

2.2 Registration – Continent

Continent	%
Europe	49
Asia	23
North America	9
South America	8
Africa	6
Australia	5

2.3 Registration - Top 10 Countries

Country	No.
Ireland	176
United States	123
Japan	122
Finland	114
United Kingdom	111
Australia	99
Germany	84
Brazil	79
Italy	72
Belgium	71

2.4 Registration – Gender

Male (%)	Female (%)
57	43

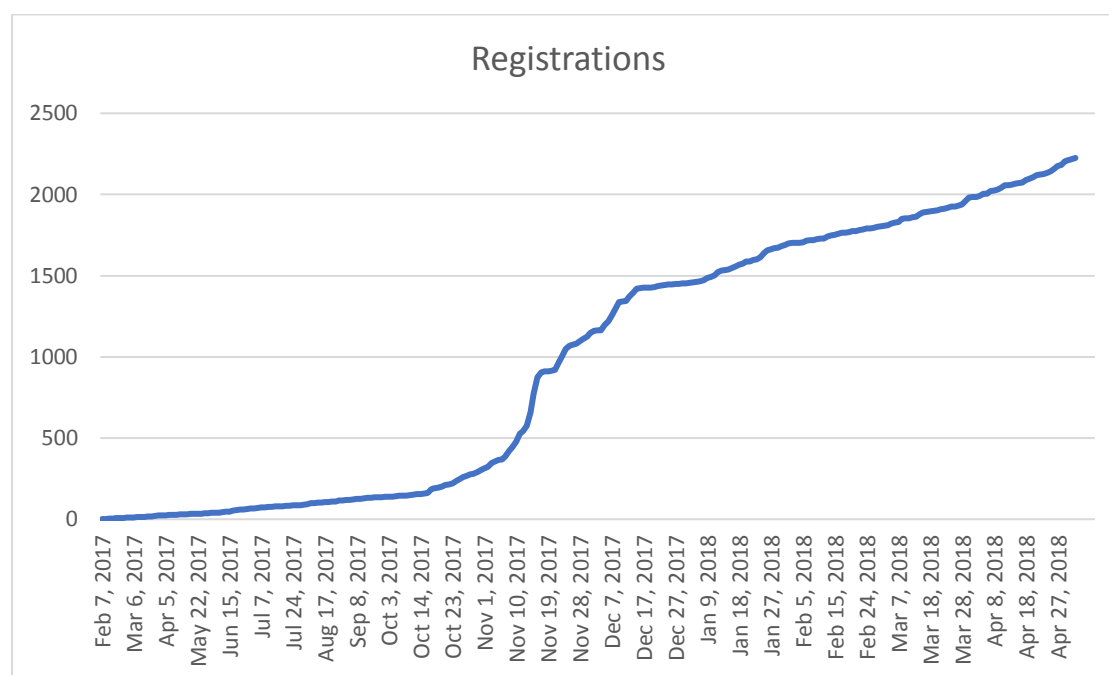
2.5 Registration – Country Income Status

Developed Country	No.	Developing Country	No.
Early Professional Member	314	Early Professional Member	147
Early Student Member	20	Early Student Member	13
Early Professional Non-Member	339	Early Professional Non-Member	72
Early Student Non-Member	100	Early Student Non-Member	33
Mid Professional Member	59	Mid Professional Member	49
Mid Student Member	5	Mid Student Member	7
Mid Professional Non-Member	150	Mid Professional Non-Member	49
Mid Student Non-Member	29	Mid Student Non-Member	13
Late Professional Member	48	Late Professional Member	29
Late Student Member	6	Late Student Member	3
Late Professional Non-Member	163	Late Professional Non-Member	52
Late Student Non-Member	5	Late Student Non-Member	8
TOTAL			1713

2.6 Registration – Other Categories

Category	No.	Category	No.
Two Day Fee:			
ICOH Member	20		
ICOH Non-Member	64		
		TOTAL	84
Complimentary Registrations:			
Complimentary Two Day Registrations	13	ICOH 2018 Winner	1
Exhibitor Passes	99	ICOH Association Guests	4
Committee	6	ICOH Officer Complimentary Pass	19
Grants	88	President of 'sister' organisation	1
Plenary Speaker	11	RCPI guests	3
Semi Plenary Speaker	32	Volunteer	16
General Assembly	3	WHO/ILO Officials	11
		TOTAL	307
Accompanying Persons:	119	TOTAL	119

2.7 Timeline of Registration Booking



2.8 Registration - Social Event Booking

Social Event	Number Booked
Welcome Reception	1086
Congress Gala Dinner	866
Dublin Literary Pub Crawl	110
Night in the GPO	94

2.9 Miscellaneous Delegate Information

Miscellaneous Delegate Information	Proportion of Total (%)
Visa Letter Issued	21
Delegates with Accompanying Person	8
Requiring Headset for Translation	15

2.10 Delegate Grants

Grants were awarded to delegates as indicated in the tables below. A total of €100,422 was made available for this purpose €65,000 donated by ICOH 2018 and €35,422 from a range of other donations.

Category of Grant	No.
Full Grant - waiver of registration fee, accommodation & airfare	25
Partial Grant Level 1 – waiver of registration fee	34
Partial Grant Level 2 – waiver of registration fee & accommodation	23
Partial Grant Level 3 – waiver of registration fee & airfare	3
TOTAL	85

Grants Awarded by Continent	No.
Europe	8
Asia	31
South America	19
Africa	27

2.11 Accommodation

Accommodation bookings were managed by the organisers for the following groups:

1. Plenary & Semi-Plenary speakers
2. ICOH Officers
3. ICOH staff & LOC requiring accommodation
4. Grant recipients

Delegates booked their accommodation directly with the hotels. CPI negotiated rates and congress room block allocations, which were based on an automatic release date, which coincided with the end of early registration deadline, as is the norm in Dublin.



3. Programme

Time	Sunday 29 April	Monday 30 April	Tuesday 1 May
07:15			
08:30		Plenary	Plenary
09:15		Plenary	Plenary
10:00	Congress Registration	Tea / Coffee, General Posters & Student Poster Welcome Session	Tea / Coffee, General Posters & Student Poster Interviews
10:40		Semi Plenary	Global Policy Forum
11:25			
11:35		Semi Plenary	
12:20		Lunch on Sale, General & Student Posters	
12:30			Lunch on Sale, General Posters & Student Poster Interviews
12:40			
13:20		Parallel Sessions	Worksite Visits
13:30			
13:40			
13:45			Parallel Sessions
14:00	1st ICOH General Assembly	Tea / Coffee, General & Student Posters	
14:50			Tea / Coffee, General & Student Posters
15:00		Parallel Sessions	Parallel Sessions
15:10			
15:30			
15:50			
16:30			
17:00	Opening Ceremony	Parallel Sessions	Business Meetings
17:10			
17:20			
17:30			
18:00			
18:30	Opening Keynote Address	Business Meetings	
18:40			
19:00	ICOH Lifetime Achievement Award		
19:15			
19:30	Welcome Reception & Exhibition Opening		Optional Ticketed Social Events & Irish Faculty Lifetime Achievement Awards (Invite & Registration only)
19:45			
20:30			
20:40		Optional Ticketed Social Events	

Wednesday 2 May	Thursday 3 May	Friday 4 May	Time
Early Bird Session			07:15
Plenary	Plenary	Plenary	08:30
Plenary	Plenary	Plenary	09:15
Tea / Coffee, General Posters & Student Poster Interviews	Tea / Coffee, General Posters & Student Poster Interviews	Tea / Coffee, General Posters	10:00
Semi Plenary	Semi Plenary	Semi Plenary	10:40
			11:25
Semi Plenary	Semi Plenary	Semi Plenary	11:35
			12:20
Lunch on Sale, General Posters & Student Poster Interviews	Lunch on Sale, General Posters & Student Poster Interviews	Lunch on Sale (from 12:20) Student & Early Career / Experienced Experts Networking Lunch (from 12:30)	12:30
			12:40
			13:20
	Parallel Sessions	Parallel Sessions	13:30
			13:40
		Closing Ceremony	13:45
			14:00
Worksite Visits	Tea / Coffee, General & Student Posters	Tea / Coffee, General & Student Posters	14:50
			15:00
	Parallel Sessions	Parallel Sessions	15:10
		2nd ICOH General Assembly	15:30
			15:50
			16:30
			17:00
	Business Meeting: New and Old National Secretaries		17:10
			17:20
			17:30
Business Meetings	Business Meeting: New and Old Scientific Committee Chairs and Secretaries		18:00
			18:30
			18:40
			19:00
			19:15
Optional Ticketed Social Events			19:30
			19:45
	Congress Gala Dinner		20:30
			20:40

3.1 Opening Ceremony

The Opening Ceremony was held on Sunday 29th April where the President, Dr Jukka Takkala and President of ICOH 2018 Dr Martin Hogan opened the event. Congratulatory messages were delivered by representatives from a range of supporting organisations as shown below. Dr Kurt Straif gave the

opening scientific address; Prof Bengt Knave received an ICOH Lifetime Achievement Award; and, Dr Ian Eustace received a special Irish FOM Award.

Opening Ceremony Chairs: Jukka Takala, Martin Hogan		
Congratulatory Addresses Irish Government Representative TBC		
Tedros Adhanom Ghebreyesus, Director-General, WHO by videolink		
Deborah Greenfield, Deputy Director General, ILO		
Marianne Thyssen, EU Commissioner by videolink	17:00-18:30	Auditorium
Juan Menéndez-Valdés, Director of Eurofound		
Prof Mary Horgan, President, Royal College of Physicians of Ireland		
Keynote Address Dr Kurt Straif Section of Evidence Synthesis and Classification International Agency for Research on Cancer, WHO, Lyon, France THE IARC MONOGRAPHS AND THE BURDEN OF OCCUPATIONAL CANCER		
ICOH Dublin 1984 Recognition Award	18:20-18:50	Auditorium
ICOH Lifetime achievement Award	18:50-18:55	Auditorium
ICOH Lifetime achievement Award	18:55-19:15	Auditorium
Welcome Reception & Exhibition Opening	19:30-20:30	The Forum



3.2 Business Meetings

During the course of the Congress sixty business meetings were held by ICOH Scientific Committees and other groups either in the CCD or in the RCPI college building. These meetings included the following:

- *Singapore-International Labour Office Bilateral Meeting and Singapore-China Bilateral Meeting*
- *International Occupational Hygiene Association*
- *Industrial Hygiene Scientific Committee*
- *Information Session on Global Occupational Safety and Health Coalition International Labour Office*
- *Occupational Health Organisations in Africa*
- *Society of Occupational Medicine*
- *Student Poster Welcome Session*
- *Workplace Health Without Borders Business Meeting*
- *Occupational Health Nurses Association of Ireland*
- *Singapore-USA Bilateral Meeting and Singapore-Netherlands Bilateral Meeting*
- *Young Workers and Child Labor International Commission on Occupational Health Working Group*
- *Bureau meeting of Section for Culture of Prevention International Social Security Association*
- *New and Old International Commission on Occupational Health National Secretaries Meeting*
- *New and Old Scientific Committee Chairs and Secretaries*
- *World Health Organisation/International Labour Office Systematic Review 10th Coordination Meeting*



Occupational Health Nurses Association of Ireland Meeting

3.3 Gala Dinner

The Gala Dinner was held on Thursday 3rd May in the CCD and was attended by around 800 delegates.



3.4 Closing Ceremony & 2nd ICOH General Assembly

The closing ceremony was held on Friday 4th May and the details are shown below. In addition to reports on the Congress and presentation of various awards – the ICOH flag was formally handed to the Melbourne 2021 organisers. At the ICOH 2nd General Assembly the announcement of Board Member and other changes were made. It was confirmed that Morocco would be the host country for the 2024 ICOH Triennial Congress.

CLOSING CEREMONY

Friday 4 May, 13:30 - 15:00

The Auditorium, Convention Centre Dublin

Chairs: Jukka Takala, Martin Hogan

Time	Programme
13:30	ICOH 2018 Highlight Video
13:35	Report on ICOH 2018 Dr Martin Hogan, President of ICOH 2018
13:40	Global Policy Forum Dr Jukka Takala, President, ICOH
13:45	Abstract Analysis Presentation Prof Ken Addley, Chair of Local Scientific Committee
13:55	Awards : <i>Student poster award, ILO Master Fellowship, Irish Society of Toxicology General Poster Prize</i>
14:15	Presentation of ICOH 2021 & Passing of the flag to 2021 Organiser (Melbourne, Australia)
14:35	Declaration of Closing Dr Jukka Takala, President, ICOH
14:45	Finish





Melbourne 2021



Dublin Statement

4. Scientific Programme

4.1 Timetable for Scientific Programme

Call for Abstracts	6 February 2017
Deadline for submission of abstracts #1	16 th June 2017
	1052 abstracts submitted by this date
Extension/Final close of Call for Abstracts	16 July 2017
	1559 abstracts submitted by this date
Review Period	21 July – 11 September 2017
Notifications	15 October 2017
Deadline for Speakers to register	8 December 2017
File of abstracts sent to BMJ OEM	15 February 2018
Release of programme	16 February 2018
Release of Congress App	24 April 2018

4.2 Plenary and Semi-Plenary Presentations

There were 11 Keynote and Plenary along with 32 Semi-Plenary sessions scheduled as shown below:



PLENARY Presentations	Session Chairs
OK1 Sunday 29 April 17.00: THE IARC MONOGRAPHS AND THE BURDEN OF OCCUPATIONAL CANCER: Kurt Straif	Jukka Takala, President ICOH; Martin Hogan, ICOH 2018 President
PS1 Monday 30 April 08.30: THE IMPORTANCE OF WORKERS' HEALTH TO ADVANCE THE UNITED NATIONS SUSTAINABLE DEVELOPMENT AGENDA: Gerry Eijkemans	Mary Horgan, President RCPI; Jorma Rantanen, ICOH Past President

PS2 Monday 30 April 09.15: 'VISION ZERO' – FOR A WORLD OF WORK WITHOUT FATAL AND SERIOUS ACCIDENTS: Hans-Horst Konkolewsky	Bill Gunnyeon CBE President IOSH; Lora Fleming, University of Exeter, UK
PS 3: Tuesday 01 May 08.30: TOTAL WORKER HEALTH: Bonnie Rogers	Seong-Kyu Kang, ICOH Vice-President; Diana Gagliardi, Italian National Insurance for Work Accidents and Occupational Diseases (INAIL)
PS 4: Tuesday 01 May 09.15: PSYCHOSOCIAL CONDITIONS AFTER OCCUPATIONAL INJURY: Leon Guo	Marilyn Fingerhut, ICOH Vice-President; Ken Addley, Past Dean, Faculty of Occupational Medicine RCPI
PS 5: Wednesday 02 May 08.30: CONNECTED WORKPLACE HEALTH, SAFETY AND WELLBEING IN AN IRISH CONTEXT: John Gallagher	Martin O'Halloran CEO Irish Health & Safety Authority; Malcolm Sim, Monash University, Australia
PS 6: Wednesday 02 May 09.15: GENE-ENVIRONMENT INTERACTION: PROMISES AND PITFALLS OF MOLECULAR EPIDEMIOLOGY AND TOXICOLOGY IN OCCUPATIONAL HEALTH: A Mutti	Stéphane Pimbert, DG INRS; Kate Jones, Chair ICOH SC Occupational Toxicology, HSL
PS 7: Thursday 03 May 08.15: CLIMATE VARIABILITY IMPACTS ON OCCUPATIONAL HEALTH – RESEARCH EVIDENCE AND FUTURE STEPS: Vidhya Venugopal	Kazutaka Kogi, ICOH Past President; Wiking Husberg, ILO
PS 8: Thursday 03 May 09.15: ENVIRONMENTAL IMPACT ON WORKER HEALTH – HONG KONG EXPERIENCE: Tse Lap Ah (Shelly)	Anne Drummond, University College Dublin; Nancy Leppink, ILO
PS 9: Friday 04 May 08.15: MIGRATION, WORK AND OCCUPATIONAL HEALTH AND SAFETY: Alison Reid	Keith Morrison CEO Health & Safety Executive Northern Ireland; Marie Larue, President and CEO IRSST
PS 10: Friday 04 May 09.15: WHEN OCCUPATIONAL HEALTH BECOMES PUBLIC HEALTH: OCCUPATIONAL LUNG DISEASE IN MINERS: Rodney Ehrlich	Andrea Hiddinga-Schipper, President IOHA; Erik Jørs, Chair ICOH SC Mining OSH
SEMI-PLenary Presentations	Session Chairs
SP1: Monday 30 April 10.40 Auditorium National survey of wellbeing of hospital doctors in Ireland Blanaid Hayes	Martin Hogan, President ICOH 2018; Michele Augusto Riva, University Milano Bicocca
SP 2: Monday 30 April	Cancelled
SP 3: Monday 30 April 10.40 Liffey A Analysis of the 6th European Working Conditions survey Agnes Parent-Thirion	Bengt Knave, ICOH Past President; Sarah Copsey, EU OSHA
SP 4: Monday 30 April 10.40 Wicklow Hall 2 The role of education and training to sustain and develop an occupational health workforce for the benefit of working people John Harrison	Bev Messinger, CEO IOSH; Marija Bubas, Secretary ICOH SC Education and Training

SP 5: Monday 30 April 11.35 Auditorium Emergency in Occupational Health: from Preparedness and Response to Well-being? Alexis Descatha [en Francais]	Quentin Durand-Moreau, University Hospital of Brest, France; Declan Whelan, Past Dean Faculty of Occupational Medicine RCPI
SP 6: Monday 30 April 11.35 Liffey B Knee arthroplasty and the unforeseen impact on work Paul Kuijer	Sergio Iavicoli, ICOH Secretary General; Fabrizio Russo, Italy
SP 7: Monday 30 April 11.35 Liffey A My truth is better than yours - how to fight back in the age of alternative facts Jani Ruotsalainen	Stefano Mattioli, Chair SC Health Services research in Occupational Medicine; Timo Leino, Chief Medical Officer Finnish Institute of Occupational Health
SP 8: Monday 30 April 11.35 Wicklow Hall 2 The development of a statewide framework for the prevention and management of work-related musculoskeletal disorders: A Western Australian experience Jean Mangharam	Chiara Leva President Irish Ergonomics Society; Andrew Curran, ICOH Board Member, Health and Safety Executive
SP 9: Wednesday 2 May 10.40 Auditorium OH aspects of emerging infections: SARS outbreak affecting healthcare workers David Koh	Susan Randolph Chair ICOH SC Occupational Health Nursing; Jinky Leilanie Lu, National Institutes of Health, University Of The Philippines, Manila & Secretary of MinOSH
SP 10: Wednesday 2 May 10.40 Liffey B Prevention of sleep disorders and Occupational Health Pierluigi Cocco	John Ballard Editor Occupation at Work Journal; Cristophe Paris, ICOH Board Member
SP 11: Wednesday 2 May 10.40 Liffey A Seed safety and health when rushing to help Michael Reidiker	Murray Coombs, Chair ICOH SC Medichem; Abdeljalil El Kholti, Director General, Moroccan Institute of Working Life
SP 12: Wednesday 2 May 10.40 Wicklow Hall 2 Healthy aging, healthy work: a global perspective on the home care workforce Margaret Quinn	Clas-Hakan Nygard, Chair ICOH SC Ageing and Work, University of Tampere; Fabriziomaria Gobba, Chair SC Radiation and Work, University of Modena and Regio Emilia
SP 13: Wednesday 2 May 11.35 Auditorium Applying human factors for promoting a positive safety culture Anna-Maria Teperi	Liam Howe Chair Irish Branch IOSH; Akihito Shimazu Secretary ICOH SC Work Organization and Psychosocial Factors
SP 14: Wednesday 2 May 11.35 Liffey B Health of working children: beyond workplace hazards Iman Nuwayhid	Shengli Niu, ILO; Mary Ross, ICOH WG on Occupational Infectious Agents

SP 15: Wednesday 2 May 11.35 Liffey A Role of Epidemiological Research in the prevention of occupational ill health Lesley Rushton	Maged Younes, Independent International Expert, Global Public Health, and former Director at the World Health Organization; Knut Ringen, Chair ICOH SC OH in the Construction Industry
SP 16: Wednesday 2 May 11.35 Wicklow Hall 2 Overview of the current state of knowledge about the health effects of nanomaterials Paul Schulte	Tara McMorrow President Irish Society of Toxicology; Ivo Iavicoli, Chair ICOH SC Nanomaterial Workers Health, University Naples Federico II
SP 17: Thursday 3 May 10.40 Auditorium The quality and givernance of occupational healthcare services in South Africa: what lessons for universal health coverage? Karen Michell	Claudina Nogueira, ICOH Board Member, University of Pretoria Faculty of Health Sciences; Tessa Bailey, Asia Pacific Centre for Work Health and Safety, Australia
SP 18: Thursday 3 May 10.40 Liffey B Work stress, capitalism and the idea of psychosocial safety climate. Psychosocial safety climate: causes and costs of psychosocial risks at work Maureen Dollard	Stavroula Leka, Chair ICOH SC Work Organization and Psychosocial Factors; Franklin Muchiri, ILO
SP 19: Thursday 3 May 10.40 Liffey A Global Warming and Occupational heat and hot environment standard in Thailand Wantanee Panprasit	Alexis Descatha, Alexis Descatha, Occupational Health Unit, University Hospital of Poincare site, Garches, France; Dingani Moyo, ICOH Board Member, Baines, Zimbabwe
SP 20: Thursday 3 May 10.40 Wicklow Hall 2 Working too much, anywhere and at all times: Workers' health in our contemporary communication society Lucia Rotenberg	Blánaid Hayes Dean, Faculty of Occupational Medicine; Frida Marina Fischer, Chair ICOH SC Shiftwork and Working Time, University Sao Paulo
SP 21: Thursday 3 May 11.35 Auditorium Understanding administrative regulation on occupational health in China Zhijun Zhou	Paolo Carrer, Chair SC Indoor Air Quality and Health; Dino Pisaniello, ICOH NS for Australia, University of Adelaide
SP 22: Thursday 3 May 11.35 Liffey B Occupational Health Surveillance for Occupational Respiratory Disease David Fishwick	Tee Guidotti, Occ & Envir Health and Safety, USA; Min Zhang, Chinese Accdemy of Medical Science
SP 23: Thursday 3 May 11.35 Liffey A Social security system and occupational injuries Jong-uk Won	Teck Tai President Irish Society of Occupational Medicine; Su Wang Chair, ICOH SC Accident Prevention

SP 24: Thursday 3 May 11.35 Wicklow Hall 2 International cooperation in occupational physician training for preventing occupational respiratory diseases Narufumi Suganuma	Olivier Lo, International SOS, Singapore; Rafael de la Hoz, Chair ICOH SC Respiratory Disorders
SP 25: Friday 4 May 10.40 Auditorium Developing A National Strategy for Occupational health: the experience from Great Britain Andrew Curran	Paula Naumanen, Chair, SC Small Scale Enterprises and Informal Sector; Francesco Violante, University of Bologna, Italy
SP 26: Friday 4 May 10.40 Liffey B Digital Darwinism: What works for moving your information to engagement and impact - the good, the bad and the really ugly Max Lum	Kim Davies Secretary, SC OH in Nursing; Louwina Joubert Pretorius, South African Soc. of Occ. Hlth. Nursing Practitioners (SASOHN)
SP 27: Friday 4 May 10.40 Liffey A Development of an occupational health nursing assessment tool for the individual and group/organization Keiko Kono	Niamh Tuohy Past President Occupational Health Nurses Association of Ireland; Lynda Sisson, Vice-Dean Faculty of Occupational Medicine, RCPI
SP 28: Friday 4 May 10.40 Wicklow Hall 2 Emerging psychosocial work hazards and evolving policy actions: Experiences of Taiwan and other East Asian Countries Yawen Cheng	Norito Kawakami, University of Tokyo, Japan; Diana Gagliardi, Italian National Insurance for Work Accidents and Occupational Diseases (INAIL)
SP 29: Friday 4 May 11.35 Auditorium Novel delivery models for occupational health: Responding to the healthcare worker shortage William Buchta	Gwen Brachman, Secretary SC Occupational Health for Healthcare Workers; Shyman Pingle, Indian Institute of Public Health Gandhinagar
SP 30: Friday 4 May 11.35 Liffey B From fragmentation to a holistic view of the working life: Challenges, possibilities and solutions Pauli Forma	Anna Suraya, Binawan Health of Science Jakarta Indonesia; Michel Guillemin, former Director Institute of Occupational Health Sciences Lausanne, Switzerland
SP 31: Friday 4 May 11.35 Liffey A Infections in the Workplace: Identifying Problems and Applying Research to Prevention Mary Ross	Elia Enriquez, ICOH Board Member, Mexico National Federation on Occupational Health; Kari Reijula, ICOH Board Member, Finnish Institute of Occupational Health
SP 32: Friday 4 May 11.35 Wicklow Hall 2 Promoting a positive psychosocial work environment: Individual, organisational and societal benefits Stavroula Leka	Peter Noone, Faculty of Occupational Medicine RCPI; Jorge Morales, Associate Medical Director, Procter & Gamble: Mexico

4.3 Plenary and Semi-Plenary Speaker Demographics

Session Speakers*	Male	Female
Plenary	5	5
Semi-Plenary	18	14
Continent	Plenary*	Semi-Plenary
Europe	3	13
Asia	3	10
North America	1	4
South America	1	1
Africa	1	2
Australia	1	2

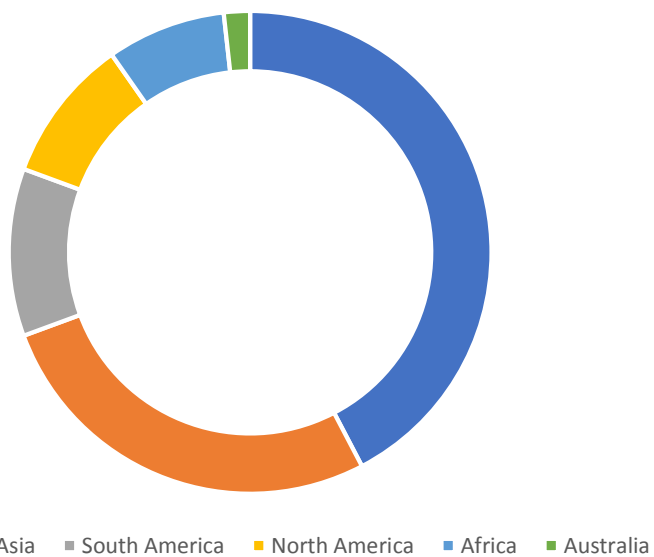
*Note: one Plenary session was cancelled



4.4 Abstract Programme & Parallel Sessions

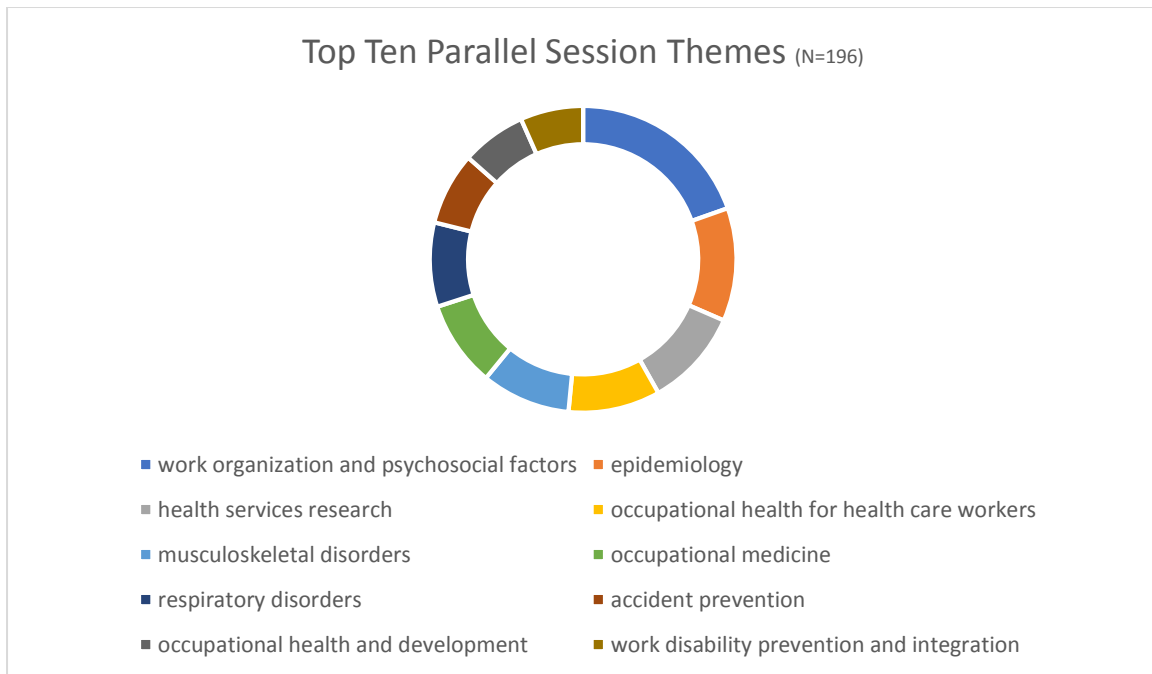
1734 abstracts had been submitted and following review, 1682 were accepted and 1559 were subsequently presented at the Congress. There were 777 general posters; 363 papers given in oral abstract sessions and 489 papers delivered in special sessions. Continent of origin of the submitted abstracts were: Europe (701); Asia (448); South America (186); North America (160); Africa (132); and, Australia (29).

Abstracts Accepted by Continent (N=1559)



In total: there were 196 parallel sessions (106 special sessions and 90 oral abstract sessions) with 852 individual presentations delivered during the week – representing over 330 hours of educational content.





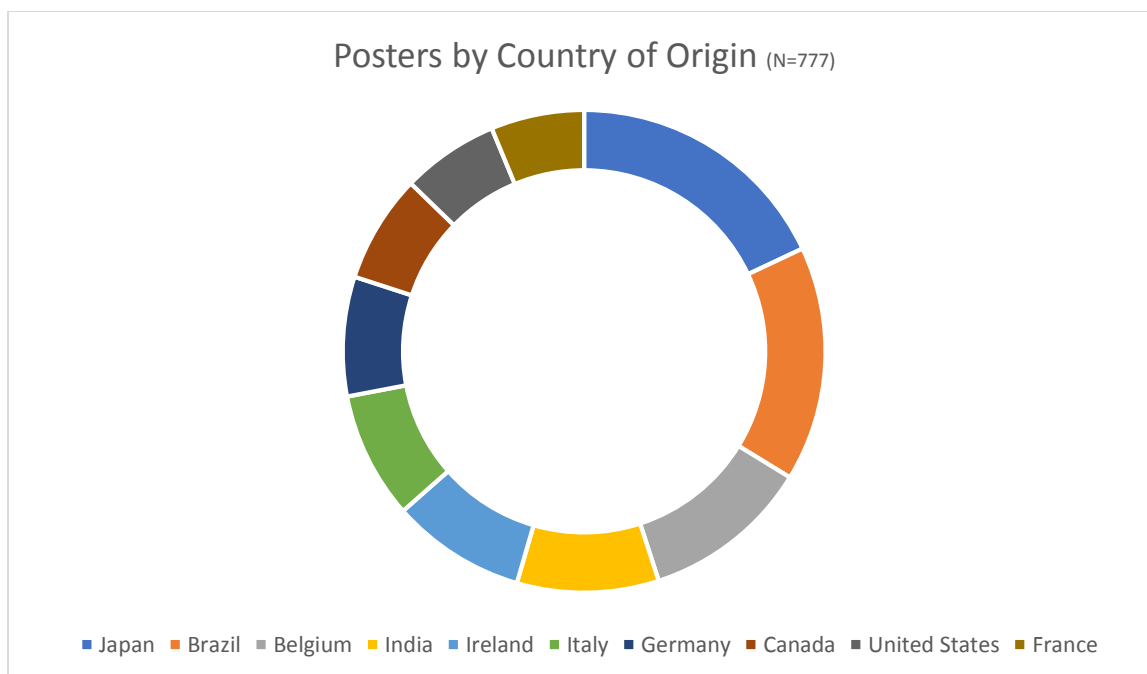
The top 10 parallel session themes (see above) were: work organization and psychosocial factors (192); epidemiology (117); health services research (101); occupational health for health care workers (95); musculoskeletal disorders (92); occupational medicine (89); respiratory disorders (87); accident prevention (75); occupational health and development (67); and, work disability prevention and integration (65).



4.5 General Posters

The 777 general posters were displayed on the ground floor Forum exhibition hall. There were two sessions as shown below:

Poster Session 1 - 19:30 Sunday 29 April to 17:00 Tuesday 1 May;
 Poster Session 2 - 08:00 Wednesday 2 May to 13:30 Friday 4 May.



Poster presenters were required to stand by their poster during the coffee and lunch breaks to share the details of their research work with delegates and answer any questions. The country of origin for the top 10 poster submissions is shown below.

The Irish Society of Toxicology presented a poster prize in the Occupational Toxicology category at the ICOH 2018 conference. The prize was awarded to the best general poster in this category, which was decided by members of the Irish Society of Toxicology and the prize presented by the President of the IST, Prof. Tara McMorrow.

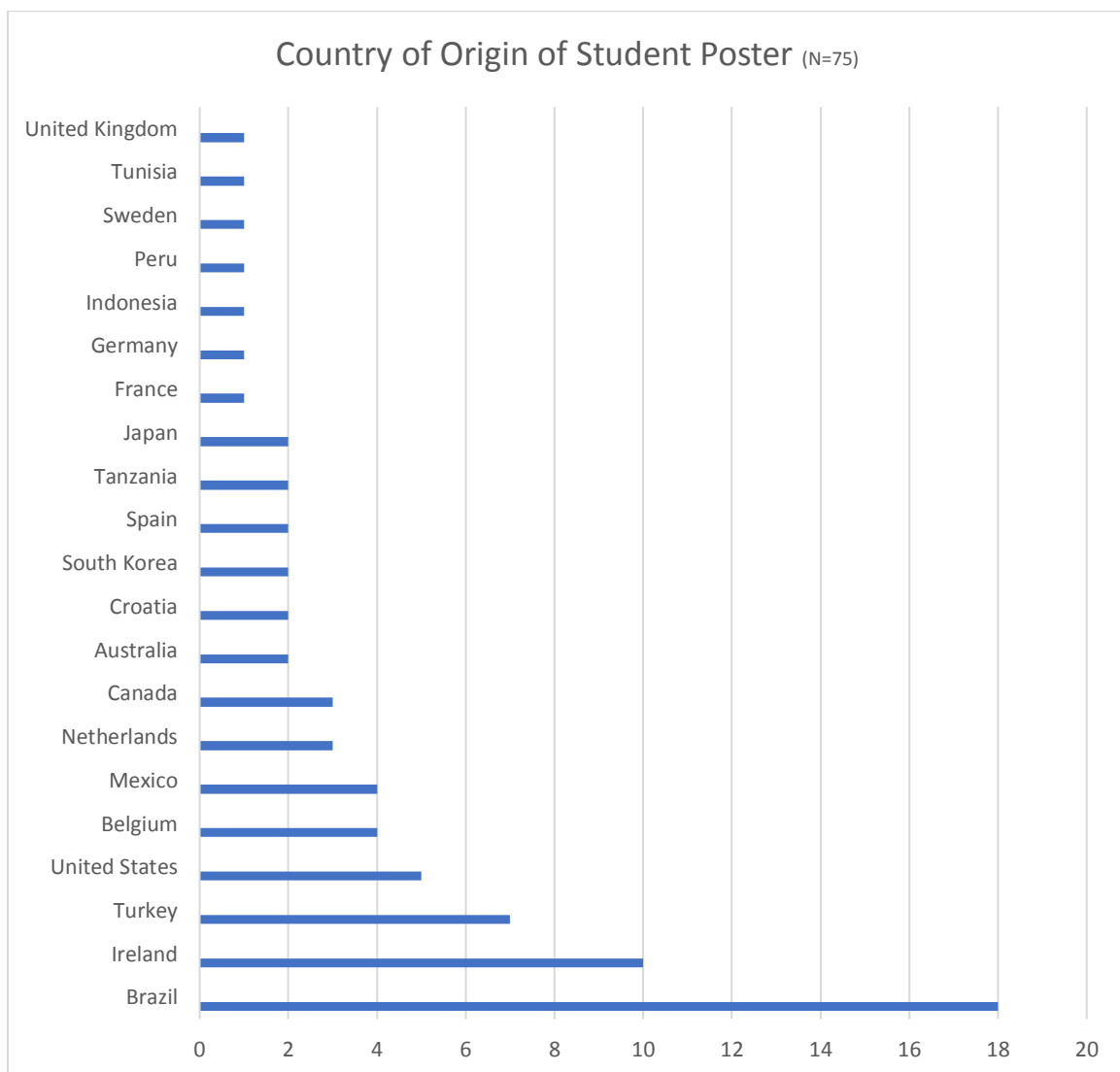
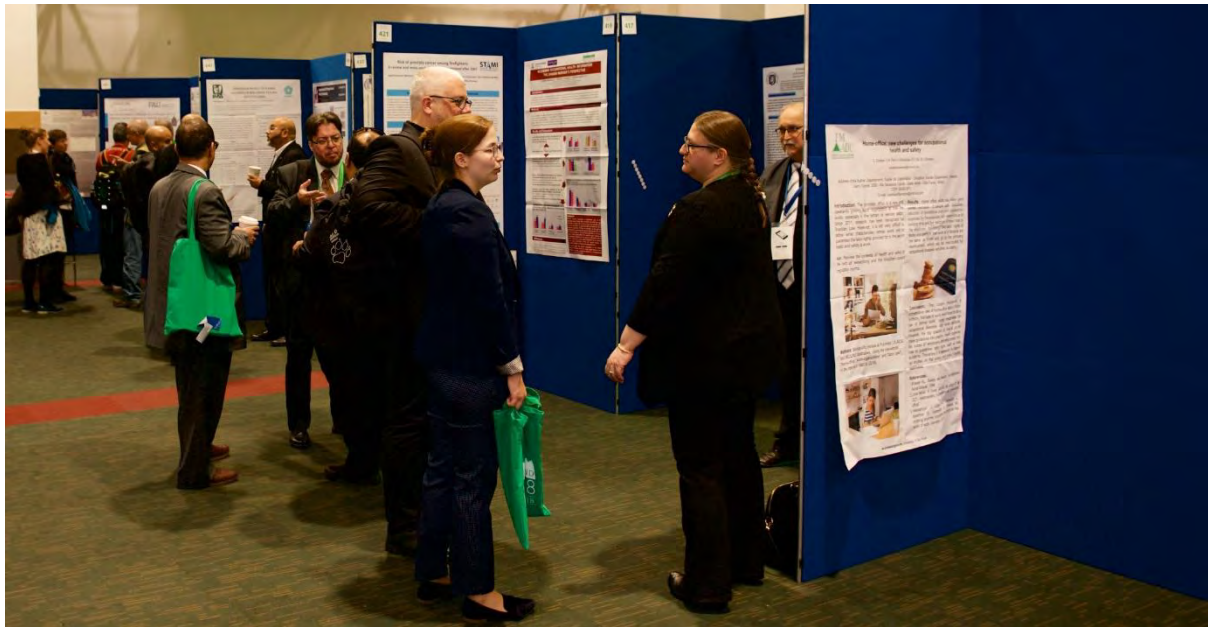
Irish Society of Toxicology Poster Prize:

Winner: PN 454: Thomas Göen, Heike Denghel, Hans Drexler: Specific Biomarkers for the exposure to organophosphate and carbamate pesticides. Prize: €500.

Highly commended: PN 460: Kazuaki Kawai, Y-S Li, Y Kawasaki, H Kasai, S Watanabe, H Yamato, T Honda, M Ohta: Salivary oxidative stress biomarker: 8-hydroxyguanosine. Prize: Book Voucher.

4.6 Student Posters

The 4th Student Competition at the ICOH Congress 2018 had a total of 75 posters accepted. It was a forum where students in occupational health had the opportunity to showcase their original research, meet other students involved with occupational health and safety, and interact with occupational health professionals. The Competition was held over three days: Tuesday 1st May through Thursday 3rd May. Each student hung his/her poster in the Poster Hall on Monday, 30th April and also attend a Welcome Session on Monday, 30th April. Each student was assigned to one day during which his/her poster will be judged. The country of origin of the student poster is shown below.



Students had to stand by their work for one hour each in the morning and again in the afternoon on their assigned day. Each student was interviewed and the poster critiqued separately by two judges from the International Judging Panel. Other interested Congress attendees were also invited to browse the displayed posters, ask questions to the student presenters. After all posters are evaluated, the highest scoring posters received the following Awards.

International Commission on Occupational Health (ICOH) Prizes:

First place winner: Dewi Yunia Fitriani

Second place winner: Marie-Christine Richard

Third place winner: Dr. Anthony O’Keeffe

Five runners-up: Kaat Goorts, Dr. Ikenna Ebuenyi, Dr. Nur Safak Alici, Dr. Suijil Jacob, Dr. Nataliya Kononenko

Irish Faculty of Occupational Medicine Doughty Prize:

For the best poster in the Work Organisation and Psychosocial category.

Winner: Dr. Fernando Feijo

Prize: €300

Cardinus Risk Management Prize for Most Popular Poster by participating students:

Winner: Jelena Bakusic

Prize: €500

IIRSM Prize for the most popular Student Poster voted by delegates:

Winner: Ikenna Ebuenyi

Prize: €250

4.7 Global Policy Forum & Dublin Statement

Topic: Prevention of Occupational Cancer: Global Policies and Strategies

Overview: Leading policy makers and experts from various continents in the field of occupational cancer interactively discussed with Congress participants relevant policies, strategies and practices for occupational cancer prevention in the future. The main thrust was to discuss the practical implementation of policies and strategies to taking research and expert knowledge effectively in use and to constrict the implementation gap in application which widely prevails at present. The experts provided a global overview of occupational cancer, its epidemiology, size of the problem, trends, successes and failures in prevention. The participation of the delegates as a whole was important and they were asked to rank various strategies in regards to their importance. This will be facilitated through the Conference App. The outcome was an agreed statement that was endorsed at the closing ceremony: *The Dublin Statement on Occupational Health: New Avenues for Prevention of Occupational Cancer and Other Severe Occupational Health Hazards* (See Appendix).

Contributors:

Dr Jukka Takala, ICOH (Co-Chair)

Prof. Sergio Iavicoli, ICOH (Co-Chair)

Dr Kurt Straif, International Agency for Research on Cancer (IARC)

Dr Ivan D. Ivanov, WHO

Dr Shengli Niu, International Labour Organization (ILO)
 Dr Bill Gunnyeon, IOSH Board of Trustees
 Mr Hans-Horst Konkolewsky, International Social Security Association (ISSA)
 Dr Christa Sedlatschek, Director of EU-OSHA, Europe. Agency for Safety and Health at Work
 Dr Paul Demers, Director of Occupational Cancer Research Centre in Canada
 Dr David Rees, National Institute for Occupational Health (NIOH) South Africa
 Dr Timothy Driscoll, University of Sydney, Australia



4.5 Irish Faculty of Occupational Medicine Lifetime Achievement

Tuesday 1 May, 19:30 - 22:30: The Royal College of Physicians

The Faculty of Occupational Medicine (RCPI) hosted a special event to honour the lifetime achievement and exceptional contribution to the Faculty and the science and practice of occupational medicine of three of its Fellows: Prof Tar Ching Aw [posthumously by Prof David Koh]; Prof Raymond Agius; and Prof Ewan MacDonald. Each gave a 30 minute presentation:

Prof Raymond Agius:

Anticipating new risks to health from work

Prof Ewan MacDonald:

Reflections on the Past, Present and Future of Health and Work

Prof David Koh:

How to be a great occupational physician – lessons from Tar-Ching



4.6 EACCME and CPD Accreditation

ICOH 2018 Dublin: Occupational Health & Well Being Linking Research to Practice, Dublin, Ireland, 29/04/2018-04/05/2018 was granted 28 European CME credits (ECMEC®s) by the European Accreditation Council for Continuing Medical Education (EACCME®). The accreditation process was managed manually on site at the congress. Delegates requiring points were requested to complete an evaluation form and return it to the EACCME desk in the foyer area where it would be validated and they would then be issued a certificate at the end of their time at the congress.

Over 360 delegates availed of EACCME credits.

The cost of applying for EACCME credits was €2550.00

The application was submitted in December 2017 in accordance with the EACCME timeline, following requests for further information the final application was then submitted on 4th February 2018.

Approval was granted on 12 March 2018 and this information was then publicised on the congress website. In addition to EACCME accreditation the Institution of Occupational Safety and Health (IOSH) recognised the Congress for CPD points and these were issued by IOSH from their exhibition stand in the hall.



4.7 Book of Abstracts

For the first time in the history of the Congress, conference abstracts, with the consent of authors, were published as an online supplement to the Occupational and Environmental Medicine journal. OEM, a BMJ journal, is an international peer reviewed journal covering current developments in occupational and environmental health worldwide. The supplement contains around 1600 abstracts, which includes presentations from keynote speakers, parallel sessions and posters. The online supplement is searchable by theme and author and inclusion can be used as an academic citation.

In addition to the fee, and as part of the agreement with the BMJ, the Organisers gave recognition of the Journal as a supporter of the Congress on the ICOH 2018 website and in the programme book. The Journal was also promoted to all delegates and speakers via an email announcement both before, during and after the conference as well at a stand in the exhibition area. A session on publishing was included in the scientific programme and delivered by members of the editorial team of the Journal.

The Organisers would like to thank the editorial and publishing team from OEM for their professionalism and expert assistance with the compilation of the online supplement.

4.8 Worksite Visits

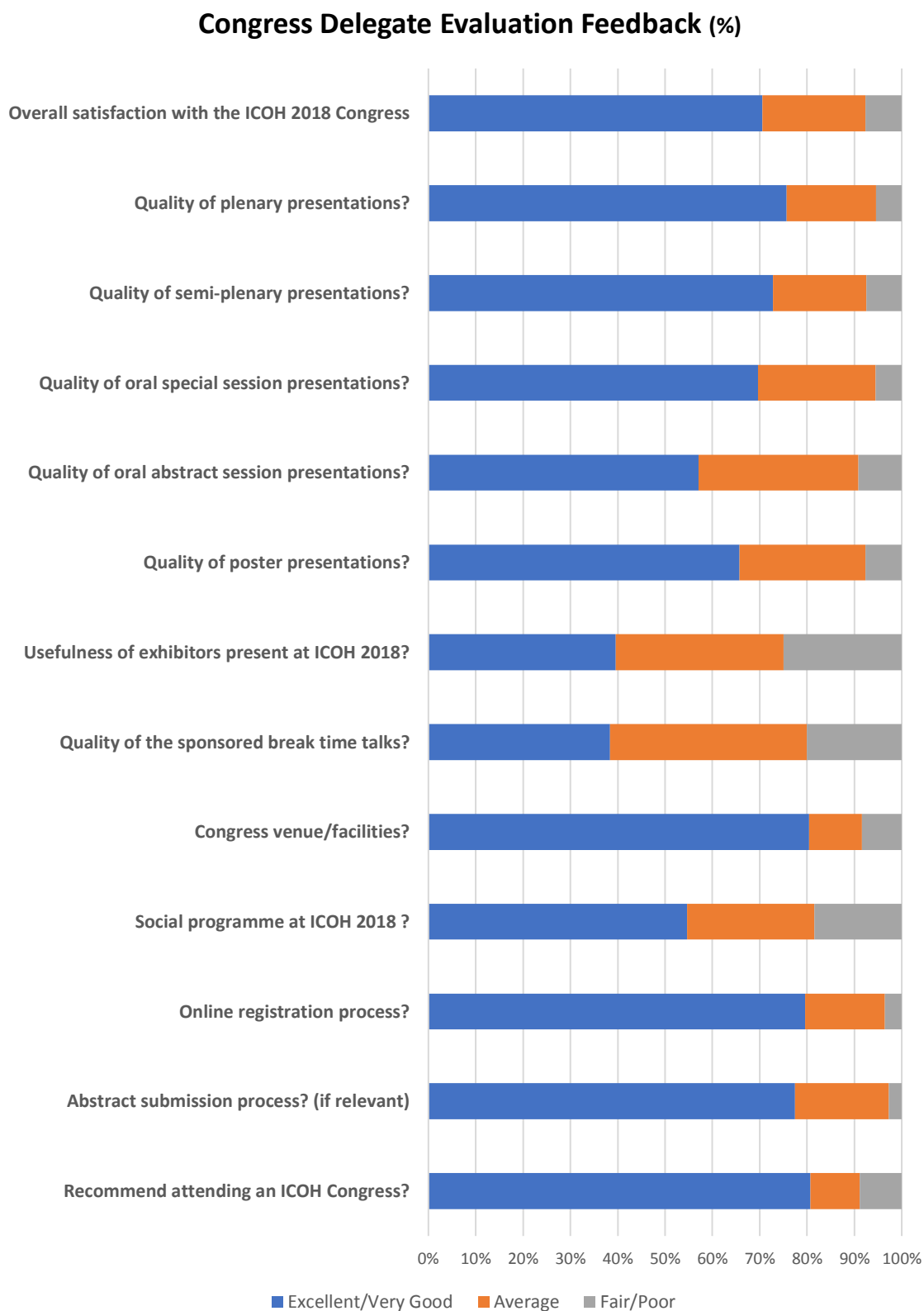
As an integral part of the scientific programme there were seven worksite visits over two days and also two historical walking tours and an opportunity to visit the Irish Naval vessel. These were popular with 280 delegates attending as follows:

- Dublin Port (80)
- Diageo Ireland (70)
- Tesco Distribution Centre (80)
- Irish Aviation Authority (30)
- The Guinness Architectural Legacy (20)
- L.É WB YEATS, Irish Naval Vessel (NA)



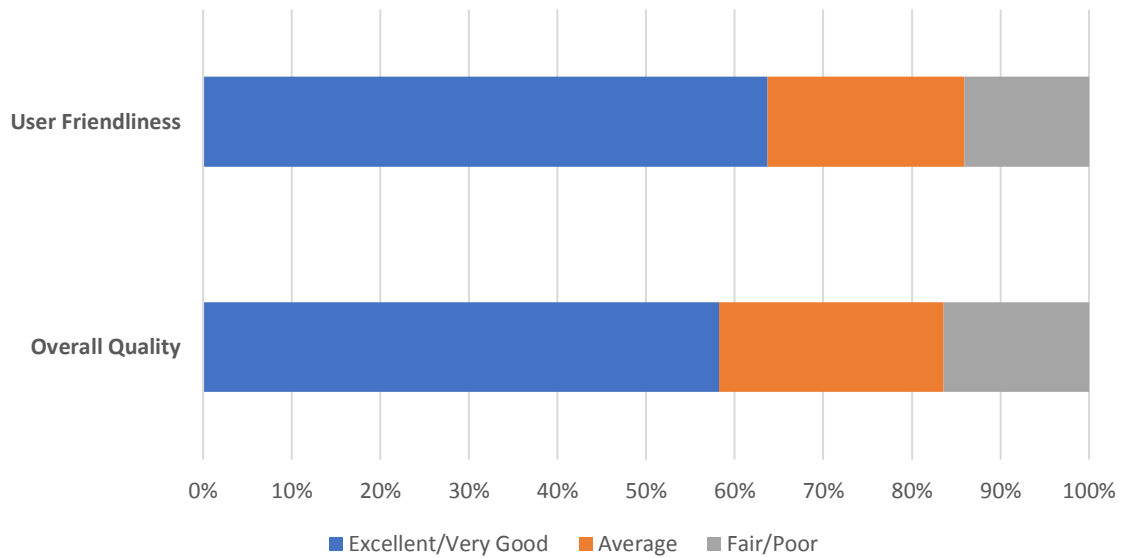
5. Evaluation

5.1 Delegate Feedback - General Evaluation



5.2 Delegate Feedback - Congress App

Delegate Evaluation Feedback on the Congress App (%)



5.3 Delegate Feedback - EACCME

1. Quality of the Event	
How useful for your professional activity did you find this event?	
Useful or Very useful	96%
What was your overall impression of this event?	
Programme: Good or Excellent	95%
Organisation: Good or Excellent	90%
2. Relevance of the event	
Did the event fulfil your educational goals and expected learning outcomes?	
Somewhat or Very much	98%
Was the presented information well balanced and consistently supported by a valid scientific evidence base?	
Somewhat or Very much	98%
How useful to you personally was each session?	
Plenary Session: Useful or Extremely Useful	90%
Semi plenary: Useful or Extremely Useful	93%
Parallel: Useful or Extremely Useful	89%
Worksite Visits: Useful or Extremely Useful	79%
Policy Forum: Useful or Extremely Useful	83%
3. Suitability of formats used during the event	
Was there adequate time available for discussions, questions & answers and learner engagement?	
Mostly or Always	94%
4. Ways the event affects clinical practice	
Will the information you learnt be implemented in your practice?	
Somewhat or Very much	92%
5. Conflict of Interest & Commercial Bias	
Did all the faculty members provide their potential conflict of interest declaration with the sponsor(s) as a second slide of their presentation?	
For the majority or all	91%
Do you agree that the information was overall free of commercial and other bias?	
Agree or Strongly Agree	97%

5.4 Delegate Feedback – Examples of Written Comments

- Overall this was a very well organised conference with high quality speakers. The organising committee should be congratulated.
- I like the fact that lunch is not included although lots of people thinks otherwise. Less food wasted!
- Would have appreciated lunch as part of the offering.

- *More women on the podium, more young people and more people from developing countries.*
- *It was my first ICOH conference and I was really impressed! A great, well organised week!*
- *The scientific programme was very good.*
- *More comprehensive future support to lower income country members.*
- *A big thank you to all ICOH/CPI staff and volunteers, CCD hosts..... they are fantastic.*
- *It was good that there was space between sessions for networking, coffee or hanging out.*
- *Provide water, pens and notepads.*
- *Abolish conference shopping bags!*
- *Great selection of conference speakers!*
- *Excellent and inspiring Congress!*



- *The contents was based in data of the countries but I wanted to hear new research and discoveries and more material to put into practice at work.*
- *Have fewer concurrent sessions and fewer semi-plenaries.*
- *Avoid conflict of time between worksite visits and parallel sessions.*
- *Overall experience was great!!! Thank You!!! See you in 2021 in Melbourne*
- *A very big thank you to all of the organisers - especially the local and scientific team!*
- *Deadline for abstract submission should be like 6 months prior conference. Now too long in advance - not appropriate with deadline in July. Enjoyed researchers lunch on Friday!*
- *Excellent conference, great venue, I would like to congratulate the local organising committee for their dedication and efforts. Well Done.*
- *Big opportunity to share with others and meet old friends*
- *Very well organised and friendly event.*

- *It is the 1st time I have used a conference App, so I have nothing to compare it to, but it was a great effort to do this and really helped to organize and direct so many attendees to so many sessions and events.*
- *The App was sometimes slow to load. Would also appreciate more information as to whether some sessions were going to be repeated— as I had many conflicts on days 1 and 2.*
- *Search by country would have been useful, list of the abstracts, divided into section by topic and stay log-in feature*
- *Very simple application, easy to use*

5.5 Organiser Feedback – Chair of ICOH Dublin 2018, Dr Martin Hogan

- For future congresses ICOH should prepare a roadmap with goals to be achieved in the timeline between being awarded the Congress and the Congress itself.
- Achievement of these goals should be agreed between the Local Organising Committee and ICOH.
- When goals are not achieved reasonable supports should be put in place to help the LOC achieve the goals always considering the paramount outcome is a successful congress.
- Details of financial commitments that are associated with the Congress should be outlined in an easily understood format to allow for prudent financial planning.
- Where plenary and semi-plenary speakers have the resources to pay for own flights and accommodation this should be considered. Money saved could be put forward to adding to funds for developing countries are supporting speakers to special sessions who would not otherwise be able to attend.
- The conference app was highly successful and should be considered as a pre-requisite for future congresses.
- In the interests of costs and the environment printed conference material should be minimised made available only when necessary.
- EACCME accreditation or equivalent should be sought for all future congresses.

5.6 Organiser Feedback – Chair of ICOH Dublin 2018 Scientific Committee, Prof Ken Addley

- Complete the abstract review process before organising the SC special sessions to allow SC's to select presentations from those abstracts accepted in that process;
- Useful to include some 'locally' organised special sessions to complement those formally organised by the various ICOH Scientific Committees;
- Include sessions for "late breaking abstracts" which can be filled closer to the date of the Congress;
- Student Poster Competition – consider limiting the entry to one poster per person;
- General Posters – consider limiting the number of posters submitted by the same author to four posters and these should all be on different topics;
- The use of a conference app was a success and this should be noted for 2021. Also, the app facilitated questions being asked at plenary sessions – extend this to semi-plenary sessions if feasible;
- Publication of submitted abstracts as a supplement to the OEM journal was well received and adds to the scientific standing of the event - it is suggested that this should become a standard feature of the Congress proceedings;

- EACCME accreditation added to the academic standing of the Congress – it is suggested that this should become a standard feature with consideration given to having other non-physician professional groups giving their accreditation;
- The meeting between ‘students’ and SC experts was a great success and it is suggested that this become a standard feature of the Congress programme;
- Worksite visits were well received and should continue as a feature of the Congress programme;
- Consider allowing more time for questions in all of the keynote sessions – 35 minutes for the presentation and 10 minutes for questions.

5.7 PCO Feedback – Conference Partners International, Dublin

- There were many ICOH site visits to Dublin over the six years of planning; this has a large impact on the congress budget. Two site visits may be sufficient between destination appointment and the year of the event.
- Invitation letter to speakers and ICOH officers should specify that economy flights only are covered.
- The registration system should be made credit card only for payments once it is three months prior congress to avoid difficulties confirming payment using other methods.
- Late registrations put undue financial pressure on the local host and PCO.
- The number of complimentary delegates should be reduced.
- Accommodation requirements for speakers and others should be subject to late changes which incur penalty charges from hotels.
- Careful attention needs to be paid to the need for translation services which have a low uptake and are expensive to provide.



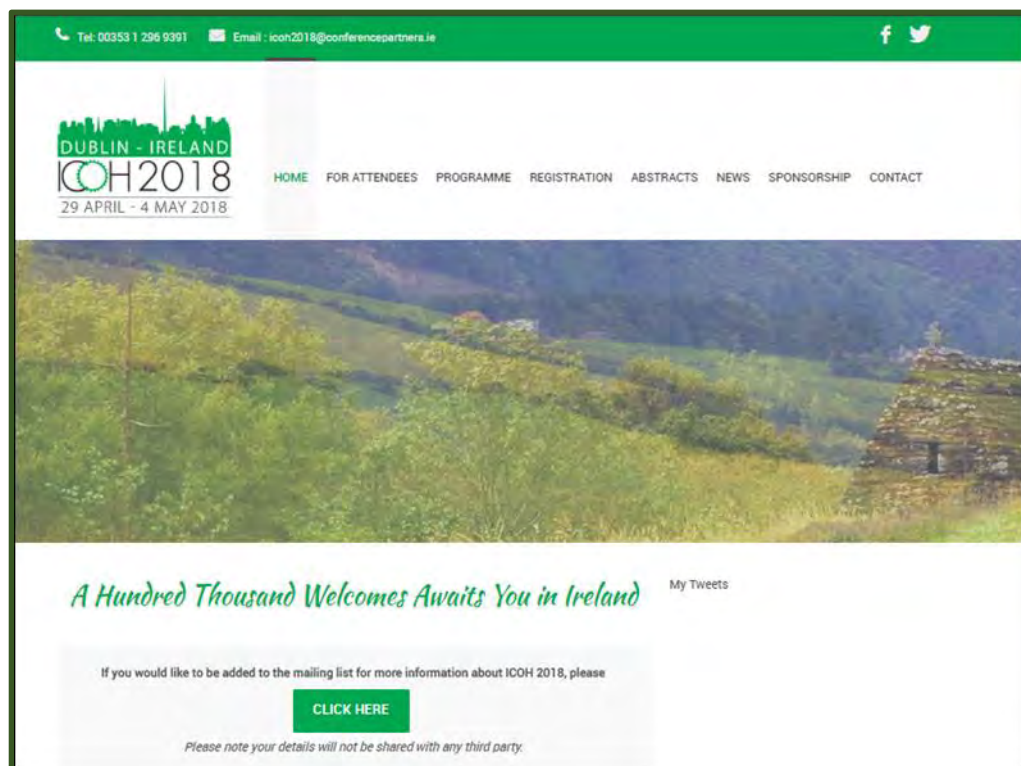


Dublin 2018 Organising Committee

6. Marketing

6.1 The Congress Website

The Congress website went live in February 2015 and was upgraded in November 2017. It was used as the main vehicle to provide information and news as well as the interface for submitting and reviewing abstracts, organising sessions and conference registration.



There were over 82, 350 views in total representing 25,281 visitors to the website. The peak month was April 2018 with 28,700 page views.

Most Popular Website Pages	No. of Views
Home Page	30619
Full Programme	11855
Registration	7180
Congress Overview	2683
Accommodation	2506
Presenter Guidelines	2366
Congress Programme	1937
Important Dates & Theme	1877
Keynote & Plenary Speakers	1734
Poster Information	1681
Congress Venue	1457
Social Events	1423
Contact Details	1251
Semi-Plenary Speakers	1231
Sponsorship & Exhibition	1039
Student Poster Competition	958

6.2 Promotional Channels


A range of channels were used to promote the Congress as is shown below:



6.3 Ezines and Congress Newsletter

The Organisers had compiled a list of potential delegates including those expressing interest through the website. Regular ezines were emailed to these individuals on a regular basis in the lead-in to the Congress – the ezine was sent on average to 2330 recipients with an average 40% open rate. Also, at the Congress a conference newsletter was compiled by the organising team and issued to all registered delegates on a daily basis. This was received by around 2039 delegates daily at the Congress with an open rate of 48%.

Ezine Subject	Date	Total Recipients	Open Rate
ICOH 2018 Newsletter	May 04, 2018	2039	41.84%
ICOH 2018 Newsletter	May 03, 2018	2039	40.73%
ICOH 2018 Newsletter	May 02, 2018	2039	41.37%
ICOH 2018 Newsletter	May 01, 2018	2041	56.77%
ICOH 2018 Newsletter	Apr 30, 2018	2051	58.87%
Register Now for ICOH2018	Apr 03, 2018	2925	32.66%
Happy St. Patricks Day from ICOH 2018	Mar 16, 2018	2113	27.67%
ICOH 2017 EACCME Accredited & Programme Updated	Mar 12, 2018	2117	31.74%
ICOH 2018 Full Programme Now Available	Feb 16, 2018	2169	31.64%
Fall in Love with Dublin at ICOH 2018	Feb 14, 2018	2173	28.72%
ICOH 2018 Avail of Mid Registration Rates	Jan 25, 2018	2187	28.96%
ICOH 2018 Avail of Mid Registration Rates	Jan 18, 2018	2191	33.55%
Season's Greetings From ICOH 2018	Dec 22, 2017	2358	28.38%
Season's Greetings From ICOH 2018	Dec 22, 2017	2934	31.30%
ICOH 2018 Group Registration Discount	Nov 21, 2017	2360	27.14%
One Day Remaining To Avail of Early Bird Rates	Nov 21, 2017	2361	21.23%
Early Bird Deadline Extension 22nd November	Nov 16, 2017	2362	23.68%
One Day Remaining To Avail of Early Bird Rates	Nov 14, 2017	2935	27.26%
One Week Remaining To Avail of Early Bird Rates	Nov 08, 2017	2941	28.26%
Two Weeks Remaining To Avail of Early Bird Rates	Nov 02, 2017	2951	31.92%
One Month Remaining To Avail of Early Bird Rates	Oct 20, 2017	2918	34.88%
Explore Ireland	Sep 29, 2017	2770	36.06%
Final Call for ICOH 2018 abstracts (published in OEM Journal) - deadline tomorrow Sunday, 16th July 2017	Jul 14, 2017	2772	33.57%
Final Call for ICOH 2018 abstracts (published in OEM Journal) - deadline 16th July 2017	Jul 09, 2017	2774	36.33%
ICOH 2018 Abstract Submission Deadline Extended	Jun 16, 2017	2779	39.24%
One Week Remaining To Submit Your Abstract For ICOH 2018	Jun 09, 2017	2920	39.14%
Only Two Weeks Remaining to Submit an Abstract for ICOH 2018	Jun 01, 2017	783	36.57%
Not just a Conference on offer at ICOH2018	May 08, 2017	1613	35.17%
Student Poster Competition	Apr 10, 2017	1616	29.09%
Learn about Abstract submission for ICOH2018	Mar 31, 2017	1620	34.96%
Register now for the ICOH 2018 Conference!	Mar 21, 2017	1584	37.75%
A very Happy St. Patrick's Day!	Mar 13, 2017	1802	36.97%



#ICOH2018
FACEBOOK.COM/ICOH2018
ICOH2018@CONFERENCEPARTNERS.IE

Mid Registration Deadline 25th January 2018 - Register Now for the best rates!

Full registration fees will take effect from the 26th January, this is your final reminder to book now to avail of the mid registration fee discount.

We encourage delegates to book by this date to ensure their place at the conference and to avail of the specially discounted accommodation rates we have negotiated close to the conference venue.

*If you require a letter of invitation to assist with your visa application to enter Ireland, please ensure to request this 6-8 weeks prior to the 28th of April to ensure enough time for processing.

REGISTER NOW

Mid Registration rates apply from 18th November 2017 to 25th January 2018 as follows:			
ICOH Member	€650	ICOH Member	€615
Student ICOH Member	€450	Student ICOH Member	€380
ICOH Non-Member	€950	ICOH Non-Member	€705
Student Non-ICOH Member	€550	Student Non-ICOH Member	€470



Happy St. Patrick's Day from ICOH2018

St. Patrick's Day is celebrated worldwide, but why spend it anywhere else but our Emerald Isle of Ireland. We are the proud host of ICOH 2018 and welcome you to engage in the festivities on the 17th of March before seeing what Dublin has to offer before you arrive in April for ICOH 2018.

Beannacht na Féile Pádraig, have a very happy St. Patrick's Day!

Register Now

Worksite Visits

ICOH 2018 Organising Committee are delighted to offer delegates the opportunity to participate in one of the below worksite visits during your time at the Congress.

Dublin Port
Guinness Brewery
Teas Distribution Centre
Irish Aviation Authority
The Guinness Architecture Legacy

The worksite visits can be booked online through the Congress website. Places are limited and will be allocated on a first come first served basis.

Worksite Visit Information

6.4 Online Promotion

The Congress was listed on *Evvt.com* - a single submission event-marketing tool. Congress information was submitted and the application works by listing the event across a minimum of 60 event listings internationally, it improves the website Google ranking and drives traffic to the website along with marketing to an international congress audience. Listings active between 9th June 2017 – 4th May 2018 are below:



6.5 Use of Affiliated and Other Organisations

In addition to listing the event above a number of affiliated bodies, sponsors and supporting organisations were also approached and asked to list the event on their websites or within their publications and their meetings as appropriate. These included:

- ICOH website & Newsletter
- Royal College of Physicians of Ireland
- Eurofound
- IOSH
- Physician's Travel & Meeting Guide
- Irish Society of Toxicology
- Occupational Health Nurses Association of Ireland
- Occupational Hygiene Society of Ireland
- Irish Society of Occupational Medicine
- Ergonomics
- Health & Safety Matters
- Bentham Science Online
- BMJ Occupational and Environmental Medicine Journal
- Faculty of Occupational Medicine (UK)
- Society of Occupational Medicine (UK) [newsletter article]
- OH @ Work Journal [article]
- Health and Safety Review Ireland [article]
- International Journal of Environmental Research and Public Health





6.6 Supporting Organisations

The Organisers were pleased to recognise a number of supporting organisations who endorsed, promoted and in some cases sponsored the Congress.



OCCUPATIONAL
HYGIENE SOCIETY
OF IRELAND



Irish Society of Toxicology
Cumann Toicsineolaíochta na hÉireann

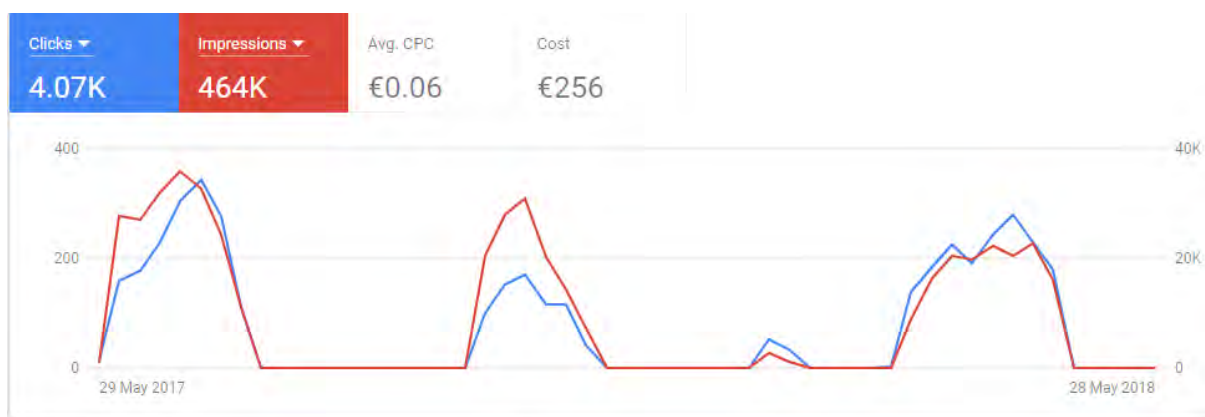


6.7 Google AdWords

Four campaigns using Google AdWords as follows:

- Call for abstracts/abstract deadline - Feb 2017
- End of early registration - Nov 2017
- End of Mid registration - Jan 2018
- Register for ICOH 2018 - Feb 2018

This generated over 4000 clicks to the Congress website and views on Google by more than 464, 000 people.



[ICOH 2018 Congress | 29 April-4 May
Dublin, Ireland](#)
[\[Ad\] www.ich2018.org](#)

Register Now for the 32nd International Congress on
Occupational Health
[Register Now](#)

[ICOH 2018 End of Mid Reg | Deadline 25th
Jan 2018](#)
[\[Ad\] www.ich2018.org](#)

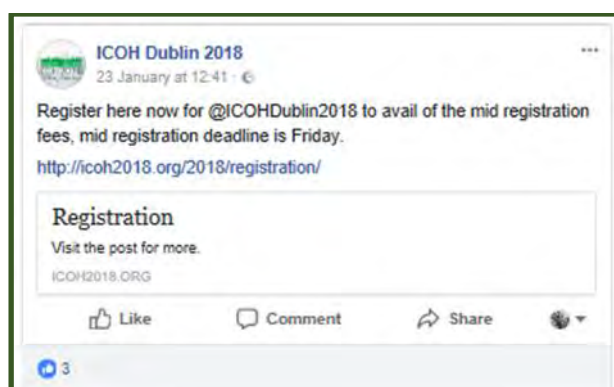
32nd International Congress on Occupational Health
Sun 29 April – Fri 4 May 2018

6.8 Print Advertising & Social Media

Print adverts were placed in a number of locations including the BMJ OEM Journal (Feb/Mar 2018 edition) and also as part of other conference materials including the 2017 ANZOM Conference.



Social media (Facebook and Twitter) along with LinkedIn were also used to promote the Congress and, in particular, to announce key dates such as call for abstracts and opening of registration.



6.9 Presence at other events and conferences

As part of the promotional campaign, we used a combination of hard copy flyers, ICOH 2018 slides shown as part of opening/closing ceremonies, presentations from organising committee members and display stands. The following gives an indication of some of the main events:

Irish Faculty of Occupational Medicine Autumn Conference 2015 & 2016 & 2017

The Society of Occupational Medicine ASM June 2016

Prevention of work related musculoskeletal disorders Conference June 2016

Australian & New Zealand Society of Occupational Medicine Annual Scientific Meeting 2017

Association of Occupational Health Professionals in Healthcare National Conference 2016

Occupational & Environmental Medical Association of Canada 34th Annual Scientific Conference 2016

ACOEM 2017
IOHA
ENOC United Arab Emirates 2017
Health and Well Being UK
Qatar Petroleum Occupational Health Conference 2017
ICLAM (Insurance Medicine) 2017
AIHA Fall Conference 2016
Australian Faculty of Occupational & Environmental Medicine 2017
Ergonomics and Human Factors: Strategic Solutions For Workplace safety & health 2017
The ICOME 2016: 18th International Conference on Occupational Medicine and Endemiology- Netherlands May 2016
10th International Joint Conference on Occupational Health for Health Care Workers- Nov 2017
Safety & Health Expo 2017
EPICOH 2017 – Edinburgh 2017
Health & Safety Review 2017
OHNAI City West Hotel Friday 17th Nov
Active Ageing Conference in Florence March 2017
XIX Argentinian Congress on Occupational Health Nov 2016
Conference on remote healthcare, United Arab Emirates 2016
Occupational health regional Meetings in Qatar and Thailand, October and November 2016
Alama Manchester , Nov 2016
EUROTOX annual conference in Spain in September 2016
TRENT OCCUPATIONAL MEDICINE SYMPOSIUM October 2016 Nottingham
Faculty of Occupational Medicine Autumn & Spring conferences 2016 and 2017,
IFDAT conference in Stavanger Norway on 24th August 2016
BOHS / OHSI joint conference on Exposure Control and Containment which was held on the 12 - 13 October 2016 Liverpool
UK Society of Occupational Medicine – Stratford-on Avon UK - June 2016.
The Anzom Society of Occupational Medicine – Newcastle Australia - August 2016
The International Union of Railway Medical Services – Vienna Austria - Sept 2016 and again in York, UK – September 2017.

The Saint Andrew's lecture series, Royal College of Physicians of Edinburgh – Edinburgh Scotland - November 2016.

Qatar Petroleum/RasGas annual conference – Doha, Qatar – October 2015

The Federation of Occupational Health Nurses of The European Union (FOHNEU) Board Meeting Stockholm August 2017

The Federation of Occupational Health Nurses of The European Union (FOHNEU) Board Meeting Milan March 2018

Occupational Health Nurses Association of Ireland (OHNAI) Annual Conference November 2017

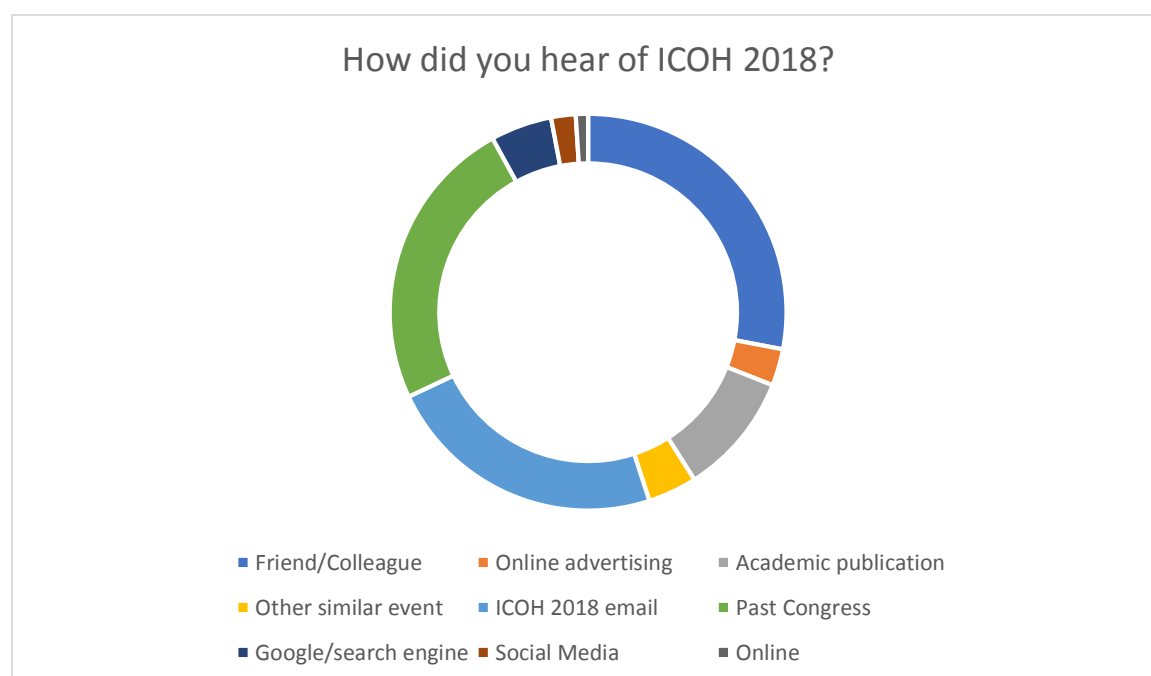
SOM Educational Meeting in November 2017

Society of Occupational Medicine NI Group Regional Meetings in Belfast during 2017 & 2018

'Occupational Health, Hygiene and Wellbeing' HSENI conference at the Titanic Centre, Belfast: May 2018

6.10 Delegate Awareness of ICOH 2018 – Sources

The top three main channels according to registration form indications by which ICOH 2018 Congress awareness was raised was: From friends and colleagues (28%); Attending a past Congress (24%); and, from an ICOH 2018 email (23%).

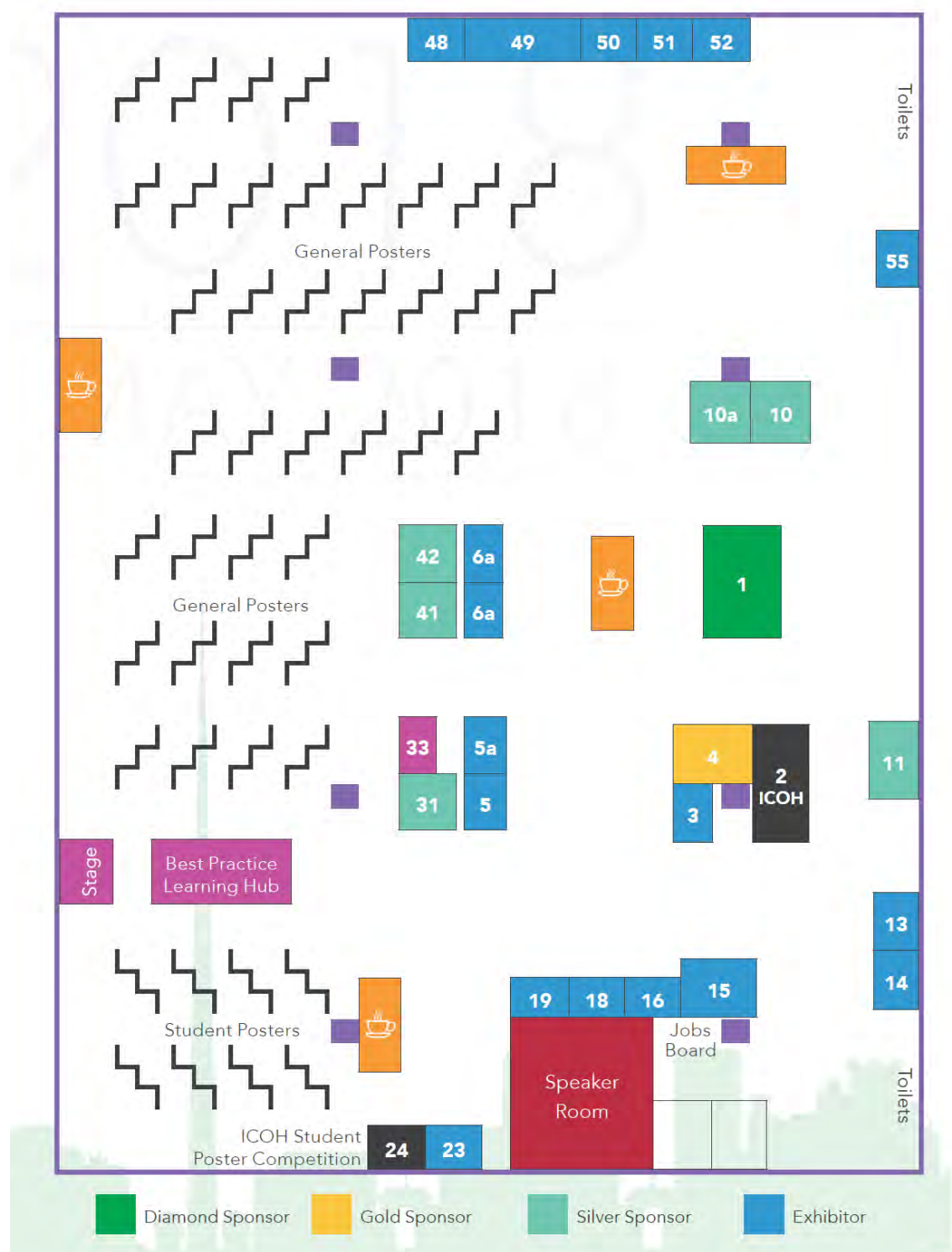


7. Sponsorship and Exhibition

7.1 Exhibition Area

The exhibition area was located in the Forum on the ground floor of the CCD and acted as a focal point during the Congress for delegates to meet, network and take refreshments.

EXHIBITION FLOORPLAN



7.2 Exhibitors and Sponsors

The exhibitors and sponsor organisations are shown below:

EXHIBITORS

Company	Stand	Company	Stand	Company	Stand
Amplivox	19	ICOH 2021 – Melbourne	15	Japan Society for Occupational Health	6a
Aratus Software	13	ICOH 2024 – India	52	MedLab Pathology	5a
BMJ	23	ICOH 2024 - Montréal Canada	50	Oxford University Press	18
Bollé Safety	14	ICOH 2024 – Morocco	51	The Faculty of Occupational Medicine (RCPI)	16
Concept Life Sciences	48	ICOH 2024 – Thailand	49	Wellness Checkpoint	55
Echodia	6	IOM Consulting	3	Workplace Options	5
Student Poster Competition			24		

PARTNERS & EXHIBITORS

PARTNERS



7.3 Sponsored Sessions

A number of sponsored educational sessions were organised and facilitated by various sponsors as follows:

BEST PRACTICE / LEARNING HUB, THE FORUM			
Time	Company	Title	Speaker
Monday 10:15-10:30	 Statoll	Implementing new technology in noise risk management in offshore operations	Kristin Brørs
Monday 15:05-15:20	 AngloAmerican	Reimagining health in mining	Dr Marta Cabrera, Prof Cas Badenhorst
Tuesday 10:15-10:30	 WORKPLACE OPTIONS	The hidden costs of emotional management strategies used by employees	Susan Clarke. MA. Psyc., MSc. W/O Psyc Dip., Exec

7.4 Occupational and Environmental Medicine Journal – Editors Session

As part of the agreement to publish the Congress book of abstracts, the OEM Editors were able to facilitate a session on publishing in journals which was well attended and highly rated.

Wednesday 07:15 – 08:15

Liffey Hall 2

**Occupational &
Environmental Medicine**

Getting your paper published: perspectives from the Editors of Occupational & Environmental Medicine

The session will be suitable for early and mid-career researchers and practitioners with an interest in research. The presenters will be Prof Malcolm Sim, Editor-in-Chief of Occupational and Environmental Medicine (OEM) and Dr Lesley Rushton and Dr Geoff Calvert, Deputy Editors of OEM.

This interactive session will provide some insights about what to do and not to do to increase the chances to publish your paper in a scientific journal. It will cover important things to consider when writing your paper, how best to present your findings, the submission and review process and responding to peer review comments. There will be a panel at the end for questions and answers.

7.5 Meet the ICOH SC Experts

A session for students and early career ICOH members was held on the final day of the Congress. This was well attended and the feedback was excellent. Organisers are grateful to the sponsor – Cardinus Risk Management.

Friday 12:30 – 13:30

Liffey A



Student & Early Career/Experienced Experts Networking Lunch

On Friday 4th May join Cardinus Risk Management for the ICOH Networking Lunch, connecting students and early-career experts with more seasoned practitioners. The networking lunch will give participants the opportunity to find others who share their interests at tables hosted by representatives from each of ICOH's Scientific Committees.

Free lunches are being provided by our host Cardinus Risk Management for the first 120 participants to arrive.



Appendix

Global Policy Forum – The Dublin Statement:



**FACULTY OF
OCCUPATIONAL
MEDICINE**
ROYAL COLLEGE OF
PHYSICIANS OF IRELAND



**ROYAL
COLLEGE OF
PHYSICIANS
OF IRELAND**

Dublin Statement on Occupational Health

New Avenues for Prevention of Occupational Cancer and Other Severe Occupational Health Hazards

Preamble

The 32nd International Congress on Occupational Health, ICOH 2018, was organized by the International Commission on Occupational Health, ICOH and the Royal College of Physicians of Ireland, Faculty of Occupational Medicine, in Dublin on 29 April–4 May 2018.

Recalling

- The UN 2030 Agenda for Sustainable Development, particularly Sustainable Development Goals Nos. 1, 3, and 8;
- The 66th UN General Assembly Resolution 16 September 2011 Political declaration of the High-level Meeting of the General Assembly on the Prevention and Control of Non- communicable Diseases;
- The ILO Declaration on Fundamental Principles and Rights at Work, adopted by the 86th International Labour Conference on 15 June 2010; ILO Conventions No. 155 of 1981 and No. 187 of 2006 on Occupational Safety and Health and Convention No. 161 on Occupational Health Services of 1985, ILO Asbestos Convention No. 162 of 1986, Occupational Cancer Convention No. 139 of 1974 and the ILO Resolution of 1 June 2006 concerning asbestos; and
- The 58th World Health Assembly Resolution No. WHA58.22 on Cancer Prevention and Control of 2005 including provisions for prevention of cancer at the workplace related to exposures to chemicals, tobacco smoke, certain infectious agents, solar and ionizing radiation and taking into consideration the 70th WHA Resolution 70.32 of 2017 on cancer prevention and control in the context of an integrated approach;

Considering

- The recommendations of the 12th Joint ILO/WHO Committee on Occupational Health, 1995, on Global Programme on Elimination of Silicosis and of the 13th Joint Committee
2003 recommendation on the Global Programme on Elimination of Asbestos-related Diseases (ARDs);

Recognizing

- The WHO Tokyo Declaration of 2017 on Universal Health Coverage;
- The WHO Global Plan of Action on Workers' Health of 2007 and, for example, the Health 2020 Strategy of the WHO European Region, providing the provision of occupational health services to all workers;
- The systematic reviews of scientific evidence and classification by the IARC for cancer hazard identification and other inputs providing evidence and tools for identification and prevention of occupational cancer.

Taking into consideration

- The conclusions of the 21st World Safety Congress Singapore, WSH2017 on Vision Zero and Global Occupational Safety and Health Coalition;
- Ongoing strategies and programmes by ISSA, EU, IOSH and other international, regional or national bodies for prevention of occupational cancer, ARDs and other severe occupational health hazards;
- conclusions and the results of the online poll among the participants in the ICOH 2018 Global Policy Forum giving a high priority for:
 - Implementation of policy on Prevention of Occupational Cancer
 - Programme on the Elimination of Occupational Cancer
 - Occupational Carcinogen Exposure registers

The ICOH 2018 Congress, under the theme: *Occupational Health and Wellbeing:*

***Linking Research to Practice* considered the following:**

- Whereas the globalizing work life is in dynamic transition due to major demographic changes, transition from traditional industrial and service settings to information and communication technologies (ICT) and new technologies dominated production systems, changing work and working methods, work organizations and modes of employment, and setting new challenges and demands to occupational health;
- Whereas high proportions of workers of the world are still exposed to occupational health and safety hazards and conditions; psychological stress, non-physiological working hours, chemical, physical and biological agents, new hazards and materials, many of which are carcinogenic, and the majority of workers of the world still work

and live in conditions which do not meet the basic international standards for health and safety;

- Whereas the majority, about 85%, of the workers of the world do not have access to competent occupational health services or services at all and access to services is not available for those most in need, and particularly not for the most vulnerable workers;
- Whereas 2.8 million workers are estimated to die every year from occupational accidents and work-related diseases, the single biggest contribution is from work-related cancer and a manifold number will contract non-fatal occupational injuries and diseases;
- Whereas 4% of the global GDP is lost by occupational accidents and work-related diseases, corresponding to a major part of the total health budgets of many countries.

The 2200 participants of the ICOH 2018 Congress approved a Dublin Statement on Occupational Health as follows:

Policies

- a) The countries, their governments and authorities, as a part of their responsible stewardship and governance, in collaboration with social partners, professional associations and other NGOs, should draw up policies for prevention of occupational cancer, including elimination of ARDs;
- b) Governments should draw up appropriate regulations for obligating and enabling the prevention of occupational cancer and ARDs according to principles and guidance provided by the above international resolutions, conventions and covenants;
- c) In line with the recommendations of international organizations, the ILO and WHO, all countries should draw up National Programmes for Prevention of Occupational Cancer, including a National Programme for Elimination of Asbestos-Related Diseases and a National Programme for Elimination of Silicosis.

Information and education

Reliable and evidence-based information is essential for the design of policies, regulations and for planning programmes and practices for the prevention of occupational cancer and elimination of ARDs. The following actions are recommended for each country:

- a) Enhancement of awareness among decision-makers and stakeholders on occupational cancer and asbestos-related diseases;
- b) Promotion of a ban on asbestos among non-banning countries;

- c) Strict regulation, management and demolition of asbestos present in existing infrastructures everywhere in the community, workplaces and the general environment and in technical facilities and built structures;
- d) Support the non-banning countries and particularly Low-Income Countries (LICs) with education, technical advice, and feasible good practice guidelines in the preparation and implementation of the ban and elimination of ARDs;
- e) Providing information on the economic and health appraisal of cancer prevention and elimination of ARDs, for example, by using WHO Euro guidance;
- f) Developing strategies and means for management and control of intentional misinformation concerning occupational cancer and ARDs.

Implementation

Implementation of existing and planned policies and strategies need effective means and conditions. The following proposals are presented for strengthening cancer prevention implementation in all countries:

- a) All countries to strengthen policies, means and practices feasible and effective for implementation of cancer prevention programmes and actions;
- b) Mapping existing asbestos in constructed environments and technical facilities, marking and labelling asbestos in situ, which may be possible sources of exposure (for example, through surveys and use of existing data sources);
- c) Distribution of information and providing technical advice and support for safe alternatives for asbestos;
- d) Regulation and its implementation for protecting workers' health in asbestos demolition work, waste handling and disposal;
- e) Advice, guidelines and technical support by international organizations, including ILO Convention No. 139, for all countries on effective and harmonized registration of carcinogenic exposures and occupational cancers, including ARDs;
- f) Monitoring and registration of exposure to cancer causing agents and conditions by using competent measurements (if not available, using JEMs, CAREX);
- g) Enhancement of competence and capacity in diagnosis of occupational cancer and ARDs;
- h) Advice and support in the elimination of silicosis and silico-tuberculosis as well as prevention of occupational tuberculosis as a whole;
- i) Surveys of ARDs among heavily exposed workers;
- j) Best care of those with disease, including secondary and tertiary prevention, cancer treatment, rehabilitation, and immunization against influenza and pneumonia;
- k) Justice and fairness in the compensation of diagnosed occupational cancers and ARDs;
- l) Intersectoral collaboration: in addition to labour, health, industry, and social partners, several other ministries should be involved (e.g. Social, Education, Defence, i.e. WHO Health in All Policies).

Different tasks in implementation may belong to different actors and often several actors in collaboration with each other. The assignments and roles should be agreed in coordination with the responsible government or other national body, preferably in drawing up National Programmes.

International Actions

Combatting, preventing and eliminating occupational cancer needs international collaboration and international and global actions. The following international actions are recommended:

- a) International organizations, WHO, the ILO, International NGOs, ISSA and others to organize and implement the Global Covenant for support of implementation of the SDGs of the UN 2030 Sustainable Development Agenda and prevention of occupational cancer and ARDs;
- b) Draw up a Covenant for the global ban of asbestos, including a Pan-European ban combined with the EU Parliament's 'Freeing the EU from asbestos by 2030' initiative;
- c) Provide financial, technical, training, education and information support for countries willing to join the global asbestos ban and implement Programmes for Prevention of Occupational Cancer and National Programmes for Elimination of Asbestos-related Diseases;
- d) International organizations, the ILO, WHO, UNEP, IMF and the Regional Development Banks, to follow the example of the World Bank and set Decent Work Programmes and Prevention of Occupational Cancer, including asbestos ban and elimination of ARDs, as a condition for public investment, loans and development aid.

ICOH Contribution

For implementation of its mission in occupational health and considering its overarching professional and ethical imperatives, ICOH commits to the following actions for prevention of occupational cancer and ARDs in collaboration with other relevant actors:

- a) ICOH to join the UN and International Organizations and, within the limits of its resources, provide commitment and expertise for all relevant activities for the implementation of the UN Sustainable Development Goals, particularly Nos. 1, 3, and 8;
- b) ICOH contributing to the production of scientific evidence and global and regional estimates on occurrence and distribution of occupational cancer and other work-related diseases and injuries in collaboration with other interested organizations;
- c) ICOH to join and contribute to the organization and activities of the Global Occupational Safety and Health Coalition;

- d) ICOH to provide its knowledge and expertise for collaboration with other international and national actors for prevention of occupational cancer and elimination of ARDs;
- e) ICOH to enhance its own activities by drawing up an ICOH Programme for the Prevention of Occupational Cancer, including the ICOH Programme element for the Global Ban of Asbestos and Elimination of ARDs;
- f) In the drawing up and implementation of the ICOH programmes, all the means, available to ICOH will be employed; research, information and education, and development and dissemination of good practices.

Follow-Up

Follow-up and evaluation of this statement may be organized in connection with the Mid- Term Meeting of the ICOH Board and the results will be presented in the forthcoming 33rd International Congress on Occupational Health, to be organized in Melbourne in 2021.

Signed By:

Dr Jukka Takala
President ICOH



Dr Martin Hogan
President ICOH
2018

