

WCSJ2013 in Helsinki Final Conference Report

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WE HAD A VISION IN 2007: to bring a thousand science journalists from all continents to Helsinki to give their input on the future of science journalism. The step from a vision to a strong implementation plan is a big one and there are always temptations to stray onto bypaths. All the previous organisers of science journalists' world conferences were newcomers with little experience in organising big gatherings, to say nothing of a global meeting. But in the end it was a successful conference that was even better than the previous one. How did they

We received good advice and practical tips from previous organisers and it is our privilege and responsibility to share our experiences and observations with our colleagues and successors in Seoul, Korea.

There is a saying that it is a lottery prize to get born in Finland. This implies overall satisfaction with a welfare state, which has given people equal opportunities to study, and which is safe and values freedom of expression. It also implies a feeling of happiness and optimism about the future.

Winning a World Conference of Science Journalists is even rarer than being born in Finland. Actually it is just a winning ticket and the winner has to work hard in order to get the prize. It is a ticket with no return. Once you have labelled your ticket and have reached the end of the journey you'll find yourself on a higher level of experience and facing new opportunities.

Organising a World Conference of Science Journalists is a process that is guided by visions and strategic goals and flavoured by passion and devotion. It is threatened by many kinds of risks, mistakes and misunderstandings. It must be led purposefully, giving space for imagination, ideas, and joy. Leaders have to keep in mind that some people are visionary and others feel more at home dealing with practical affairs.

With all this in mind we carried our project from the initial ideas to the realisation of the 8th World Conference of Science Journalists with almost 800 participants in Helsinki, June 24-28, 2013.

It was a journey that we really wanted to travel. This booklet reports on what happened, who supported it, who participated, and also what we have learnt.

Now, it is time to express thanks. We warmly thank members of the Finnish Association of Science Editors and Journalists for deciding to bid to host the World Conference of Science Journalists. We warmly thank President Nadia el-Awady and the board of the World Federation of Science Journalists for giving us this great opportunity. We warmly thank our sponsors, donors and other supporters for making the conference come true. We warmly thank members of science journalists associations for sending us programme suggestions. We warmly thank the 800 participants for making the conference a memorable event. We warmly thank two hundred speakers for sharing their knowledge. We warmly thank our colleagues for giving their time and expertise in committees and onsite assisting. We warmly thank the board of the Finnish Association of Science Editors and Journalists for steering the whole project. And last but not least we warmly thank our project managers Riikka Louhivuori and Minttu Hilden for finally putting all the pieces together.

WCSJ2013 Helsinki at a glance

THE WORLD CONFERENCE OF SCIENCE JOURNALISTS (WCSJ) is a biannual non-profit conference for science journalists and communication professionals. It is organized together with the World Federation of Science Journalists (WFSJ) but the local organiser has the primary responsibility.

At the WCSJ2011 in Doha, Qatar, the Finnish Association of Science Editors and Journalists (FASEJ) won the right to host the 8th WCSJ in Helsinki, June 24-28, 2013. Vesa Niinikangas, Editor-in-Chief and Secretary-General of the FASEJ, was elected President of the WFSJ. Under his leadership the WFSJ board changed the rules and in June 2013 the General Assembly ratified them so that after 2015 the WFSJ will hold the main responsibility of organising science journalists' world conferences. This shift gives national science journalists' associations a better chance to co-organise a WCSJ in their country.

The theme of the Helsinki conference – *Critical questioning in the public sphere* – emphasized the central role of science journalism in interpreting scientific results and bringing them into public social debate. The theme became a popular conference phrase that was mentioned when key issues of science journalism were discussed. The opening of the WCSJ2013 was devoted to *freedom of expression*. It is a necessary prerequisite for critical questioning – and a free press, which is highlighted also in the Conference Declaration.

Science journalists' world conferences have been organized since 1992 and they have been biannual since 1999. WCSJ has developed into one the largest worldwide conferences of journalists. From the beginning it has been important to create an event for science journalists and communicators from East and West, North and South and from developed and developing countries. Almost 800 participants attended the WCSJ2013 from more than 70 countries and from all continents.

The FASEJ board was the responsible organising body of the WCSJ2013. It had delegated decision making to the organising committee and correspondingly the committee's major decisions had to be ratified by the board. The board followed the organising process actively and critically and it discussed current WCSJ2013 affairs in its every meeting, and the financial situation was monitored with special care. We had clarified the legal responsibilities of the board as a whole and also those of individual board members. The board was legally safe if it did not exceed its jurisdiction and fulfilled its responsibility of following decisions made by the organising committee, and implementation by the secretariat. It had also been agreed that no financial liabilities would be taken on.

The organising committee had sub-committees for the programme, sponsorships, communications, cultural and social events, as well as an international advisory board. Chairs and members of all the committees worked on voluntary basis.

Organising the WSCJ2013 was a big challenge for the FASEJ, but from the beginning we believed we could do it. From the end of the 1980s FASEJ has taken its members on study tours around the world – including e.g. UK, France, Germany, the Nordic and Baltic countries, Russia, Japan, Chile, USA, Australia, and Qatar. FASEJ also has actively organised various kinds of training activities. There was a lot of experience of international interaction and organisation of training courses, but a world conference for up to a thousand participants was a huge, unique, sometimes frustrating, but in the end, quite a rewarding experience. We always had to keep the goal in sight and work purposefully and responsibly. There were only four people employed full-time at different times in 2012–13, in addition to the professional conference services acquired from Confedent International. The Secretary General of the FASEJ was responsible for general and personnel management of the WCSJ2013. More than 100 of the 1000 FASEJ members attended as volunteers organising the event – in advance planning and on-site assistance. Members' expertise and networks were utilised in arrangements

A global forum for self reflection of science journalists

science Journalists' world conferences provide a global forum for ethical reflection, sharing knowledge and skills and for networking of science journalists and communicators and for strengthening the global community. At a time when everyone can communicate with anyone else via the Internet and the role of the media is radically changing, the importance of science journalism and communication is bigger than ever.

The most topical and burning issues of science journalism in both developed and developing countries were represented in the program as well as major global scientific themes – ecology, the Arctic, evidence-based scientific knowledge versus superstition, epidemics and industrial Internet. A science journalist from Africa stated that only agriculture was missing from the key themes of the conference.

Kenyan, Korean and South African science journalists' associations competed for the 2015 conference. This time the winner was the Korean Science Association of Science Journalists. Vesa Niinikangas, President of the WFSJ, proposed to African colleagues the idea of hosting for the first time a continental science journalists' conference in Africa which would focus on topical issues of African science and science journalism. Ms. Satu Lipponen, President of the FASEJ, proposed to European sister associations the idea of a European science journalists' conference. The Danish Science Journalists' Association took up the challenge, and the first European Conference of Science Journalists will be held at the European Science Open Forum (ESOF) in Copenhagen, June 2014.

The WFSJ board meetings and the General Assembly were held during the conference days and board members were very busy with meetings. This is something that must be changed in the future: board meetings should be held primarily before the conference and board members should be given more opportunities to attend plenaries and topical sessions. It is important also because the board will be in charge of the world conferences after 2015.

For the first time social media was in active use at a WCSJ. We organised an international competition for social media journalists to come to Helsinki and comment on conference sessions through Twitter and Facebook. The top five competitors received a scholarship to attend the conference.

The social program and visits to research and industrial sites introduced a wide range of Finland and its capital Helsinki. Visits included, among other things, midnight explorations of the National Park of Nuuksio, the innovation activities at the Bayer pharmaceutical plant in Turku, the concept of an intelligent hospital at GE Healthcare in Helsinki, a nuclear waste storage site in Olkiluoto, clean water, organic food and bio-energy development in Mikkeli, as well as science-to-business-paths in Oulu. The cultural programme offered e.g. diabetes-related science theatre, a tram tour of the Cold War themes in Helsinki and open air dancing.

The FASEJ magazine, *Tiedetoimittaja* (Science Journalist), published a 52-page photo-illustrated special issue reflecting on and evaluating the atmosphere, experiences, speeches, debates, and meetings of WCSJ2013.

Promotion of science journalism by acquiring sponsorships

IN OCTOBER 2012 WCSJ2013 PRESIDENT SATU LIPPONEN AND WFSJ PRESIDENT VESA NIINIKANGAS TRAVELLED TO

DOHA, Qatar and London, UK and in February 2013 to Boston, USA to meet major potential sponsors. The presence of the WFSJ President also highlighted the ownership of the WCSJ brand and underlined the need for a continuation of major sponsorship agreements in the future. Also participating in the negotiations in Doha were Executive Director Jean-Marc Fleury and SjCOOP project manager Olfa Labassi from the WFSJ.

During these trips, Ms. Lipponen and Mr. Niinikangas managed to renew agreements with the Qatar Foundation, the Wellcome Trust and the Nature Publishing Group. All these organisations had also sponsored the WCSJ2011. In addition, they acquired a new major sponsor, GE Healthcare and renewed an agreement with Johnson & Johnson. We warmly thank the following persons for their great support and inspiring discussions: Deputy Director of Communications Rashed S. Al-Qurese Al-Marri and International Projects Coordinator Stephanie M. Hartgrove, Qatar Foundation, Vice President Seema Kumar, Johnson & Johnson, PR Manager David Morris and Communications Director Katja Antila, GE Healthcare, Advisor Tim Slingsby, the British Council, and Media Relations Manager Craig Brierley and Project Manager Siân Aggett, the Wellcome Trust.

WCSJ2013 had two important media partners – SciDevNet and the Nature Publishing group – which both were remarkable in their support for bringing science journalists from developing countries to Helsinki. SciDevNet also launched its strategy for 2013–2017 and the new website at the conference. We warmly thank Director Nick Perkins of SciDevNet and Ruth Francis, Head of Press of the Nature Publishing group for their wonderful support and visionary discussions. David Dickson, the founder and the first Director of SciDevNet, also participated actively the Helsinki conference. About a month later we received the sad news that he had died.

The leading national partner – the University of Helsinki – came in already in 2007 when we started to make the first WCSJ bid. The University promised the conference venue free of charge already then, and this decision held now that the conference was actually held in Helsinki. The acquisition of the first major supporter is always a very meaningful sign of the importance of a project. The next big step was the agreement with the Finnish Ministry of Education and Culture, which guaranteed a full-time employee for the WCSJ2013. The other major national supporters were Tieteen tiedotus ry (Association of Communicating Science), The Federation of Finnish Learned Societies and the Finnish Ministry for Foreign Affairs. We warmly thank Chancellor Thomas Wilhelmsson of the University of Helsinki, Counsellor of Education Annu Jylhä-Pyykönen, and Senior Advisor Eeva Kaunismaa, the Finnish Ministry of Education and Culture, and Chairman Markku Löytönen, Tieteen tiedotus ry. for their great support.

The FASEJ General Assembly 2012 decided to offer support for up to 300 of its members to participate in the WCSJ2013. Almost 130 members utilised this opportunity. The conference was the main training event for our own members in 2013, too.

Negotiations with potential sponsors were inspiring and they gave us future insights into scientific organisations, global companies and foundations. We recommend that leaders of the WFSJ and WCSJ will run the negotiations. When the WFSJ takes over the conference organisation one of its most important tasks will be to secure long-term sponsorship agreements. Negotiations with major sponsors also served to promote the WCSJ2013. This was true especially at the 2012 and 2013 AAAS meetings in Vancouver and Boston.

The WCSJ2013 was promoted in press briefings, receptions and exhibition halls at the AAAS, the biggest science conference in the world, in Vancouver and in Boston. We warmly thank Director of Communications Ginger Pinholser and Senior Communications Officer Earl Lane of the American Association for the Advancement of Science, for fruitful cooperation and generous on-site assistance. The AAAS also provided us with space for negotiations with supporters. We warmly thank President Ron Winslow and Executive Director Tinsley Davis of the National Association of Science Writers, and Director of Legislative and Public Affairs Judith Gan and Head of Media and Public Information Maria Zacharias of the National Science Foundation for inspiring discussions.

In order to promote the WCSJ2013 we organised two meetings with science journalists and partners in London and Paris in April 2013. We warmly thank Pekka Isosomppi, Press Counsellor at the Embassy of Finland in London, Marko Ruonala, Press Counsellor at the Embassy of Finland in Paris, and Director Meena Kaunisto at the Finnish Institute in France, for cooperation in seminar arrangements.

The first seminar – Eyeing the future of science journalism – was held at the Finnish Ambassador's residence in London and it started with a mini seminar on the future of science journalism. It was a great success from the point of view of both the embassy and the WCSJ2013. The number of science journalists was 70, which gave the embassy dozens of new media contacts. We warmly thank His Excellency Ambassador Pekka Huhtiniemi for hosting and for his active participation in discussions on communicating science in society. We warmly thank Chancellor Jarl-Thure Eriksson, Chairman of the International Selection Committee, Millennium Technology Prize, for sponsoring the event.

In Paris the seminar was held at the Finnish Institute in France and it gathered about 15 science journalists. Both meetings raised lively discussions and they also revealed a need for further cooperation between the WCSJ and national associations in the same geographic area. We had also planned to have a similar meeting in Berlin but there was not enough time for it.

We recommend for future WCSJ organisers to curate seminars with national associations in major cities of the same geographic area. They can be organised at an early stage in order to get ideas and awaken interest, and they will also be useful just before the conference as a way of activating participation.

The warm spirit of Helsinki

WCSJ2013 PARTICIPANTS HAVE PRAISED THE SPIRIT OF THE CONFERENCE, PROGRAMME, AND ORGANISATION. It tells us that we were able to create an event

- in which speakers and participants were able to meet, and not just over the lectern,
- · which dealt with the key issues of science journalism,
- · and in which the arrangements worked well.

The main building of the University of Helsinki and the Porthania building offered a valuable framework for the implementation of the programme. Since the venue was located right in the city centre and close to the conference hotels, the participants could move about easily. The weather also favoured open-air events and the warm bright summer nights attracted participants to take walks in the City. The warm, sometimes hot weather – in addition to the successful organisation – helped to create a unique spirit of Helsinki for the event.

WCSJ2013 offered rooms for various network meetings and the findings suggest that many thematic and professional groups made good use of this opportunity. Science journalists from developing and developed countries were networking and sharing their knowledge and skills in open interaction in sessions, hallways, social gatherings and outings.

Science journalism plays a key role in social debates

AT THE CLOSING PLENARY THE CONFERENCE DECLARATION WAS UNANIMOUSLY APPROVED. It emphasizes science journalism's unique role of bringing scientific knowledge and evidence into social debate. The statement calls on science journalists' associations in developed and the developing countries to promote freedom of expression, access, and calls for transparency and better communication among private and public organisations involved in scientific research and policy. The organisers warmly thank Deborah Blum, Jean-Marc Fleury, Satu Lipponen, and Cristine Russell for drafting this declaration. It was open for comments during the conference.

The conference statement highlights the unique role that science journalism plays in examining scientific evidence that fosters many solutions to the grand challenges facing our vulnerable world. Different audiences and the general public as a whole need high-quality, independent science journalism that thoughtfully analyses research and puts it into the larger societal perspective.

The statement also urges the associations of the World Federation of Science Journalists to promote freedom of expression, access, transparency, and better communication among public and private organizations involved in scientific research and policy. Such access is crucial to science journalism and its important role in informing the general public about science and its implications for society. Science journalists should strive to communicate the perspectives of crucial stakeholders without compromising journalistic independence.

It further states that the World Conferences of Science Journalists will help assure that science journalists and communicators across the globe have an opportunity to share their ethics, the core skills of their profession, and the changing media landscape, as well as knowledge about journalistic coverage of topics across the breadth of science, including basic research, health, the environment, and technology. The momentum of quality science journalism is stronger than ever before, and the global community of science journalists and communicators can work together to create new models of science journalism that cross national borders in this digitally connected world.

On the move in time

FASEJ STRONGLY SUPPORTS THE WFSJ'S DECISION TO TAKE RESPONSIBILITY FOR THE WORLD CONFERENCES, which gives opportunities also for smaller science journalist associations to get the conference into their country and at the same time to develop their own activities and science journalism.

Two years is a short time for organising a big conference. FASEJ had been preparing for the job since 2007, but practical work could be started at the end of summer 2011. The first autumn after the previous WCSJ is a critical stage for starting to create a framework for the programme and sponsorship acquisition. After losing the first bid in London 2009 we soon began to outline the next bid at a more detailed level. Many of the ideas and plans described then were realised in Helsinki 2013.

FASEJ is now a wellknown and recognised science journalists' organisation both domestically and internationally, and a desired partner. FASEJ confirmed its national science communication network and we have made an initiative to our European sister associations to create a European science journalists' conference and to build up a consortium or network of European science communication organisations, foundations etc. A domestic goal is to begin to organise with partners an annual national conference on science communication and science journalism.

WCSJ2013 Helsinki in figures

In Doha in 2011 the Finnish Association of Science Editors and Journalists (FASEJ) won the honour of hosting the 8th World Conference of Science Journalists (WCSJ2013) in Helsinki, Finland on June 24–28, 2013.

WCSJ2013 had 775 participants from 73 countries and there were over 200 speakers and session producers at the conference. The WCSJ2013 programme consisted of three keynote plenary talks, seven plenaries, 12 pre-conference workshops, 47 parallel sessions, five lunch sessions, six press briefings and nine post-conference excursions. A total of 50 organisations participated as supporters or exhibitors in WCSJ2013 and the amount raised was about 690,000 euros.

Financial summary

This summary covers expenditures and revenues from the two conference accounts set up by the WCSJ2013.

TOTAL REVENUE: 832.713,56 €
TOTAL EXPENDITURE 831.247,01 €

BALANCE: +1466,55

The average daily economic impact of a big conference in Helsinki has been estimated at 350 euros per participant. This is an important fact to keep in mind in dealings with local authorities when organising a World Conference of Science Journalists.

Delegates

The conference had a total of 802 registered delegates but 27 of these did not come to the on-site registration desk and presumably did not participate in the conference. Therefore, the total number of participants at WCSJ2013 was 775 and the delegates came from 73 different countries. The registered participants are classified into six different categories that are presented in the table below. As can be seen, a majority (55.48 %) of the participants were registered as delegates but invited speakers and producers also represented a large portion (21.29 %) of the participants. In addition, many of the organisers and scholars were also speakers at the conference. The gender distribution at WCSJ2013 was quite even; 57 % of the participants were women and 43 % were men.

General participant information

Speaker/producer	165	21.3 %
Delegate	430	55.5 %
Exhibitor	18	2.3 %
Sponsor	42	5.4 %
Scholar	52	6.7 %
Staff/Organiser	68	8.8 %
	775	100.0 %

The online registration for WCSJ2013 opened in September 2012 and it closed a week before the conference on June 16, but on-site registration was open during the conference week. The different fee types are presented in the table below and as can be seen, a majority of the participants registered online before the early bird discount ended on May 24.

Delegate fee type	Number	Fee	Total
WFSJ member journalist - early fee	230	€ 350	€ 80 500
Non-member journalist - early fee	108	€ 400	€ 43 200
WFSJ member journalist - one day registration - early fee	1	€ 150	€ 150
Non-member journalist - one day registration - early fee	16	€ 180	€ 2 880
Student - early fee	12	€ 170	€ 2 040
WFSJ member journalist - regular fee	9	€ 425	€ 3 825
Non-member journalist- regular fee	15	€ 475	€7125
WFSJ member journalist - one day registration - regular fee	1	€ 170	€ 170
Non-member journalist- one day registration - regular fee	10	€ 200	€ 2 000
Student - regular fee	1	€ 200	€ 200
WFSJ member journalist - late fee	4	€ 500	€ 2 000
Non-member journalist - late fee	10	€ 550	€ 5 500
WFSJ member journalist - one day registration - late fee	1	€ 200	€ 200
Non-member journalist - one day registration- late fee	2	€ 230	€ 460
Student - late fee	1	€ 250	€ 250
One day fee 24 June	12	€100	€1200
Accompanying persons	4	€ 190	€ 760
Cancellation fees	1	€ 2 450	€ 2 450
Total	438		€ 154 910

A vast majority of the delegates registered in April-June and only circa 120 delegates had registered before the beginning of April. The number of registered delegates per month is detailed below. The table includes cancelled registrations as well and therefore, the total number of registered delegates is much higher than the final number of participants.

Registered delegates	Number	%
September-December 2012	21	2.3 %
January 2013	20	2.2 %
February 2013	14	1.5 %
March 2013	66	7.1 %
April 2013	201	21.7 %
May 2013	309	33.4 %
June 2013	295	31.9 %
	926	100 %

Geographical distribution of participants

WCSJ2013 participants came from 73 different countries that are listed below. Countries with the highest participation were Finland (34.79 %), United Kingdom (8.26 %), United States (7.23 %), Norway (3.48 %) and Germany (3.10 %).

Country	Number	%
Argentina	5	0.7%
Australia	8	1.0 %
Austria	2	0,3 %
Belgium	16	2.1 %
Benin	1	0.1 %
Bosnia And Herzegovina	1	0.1 %
Brazil	6	0.8 %
Burkina Faso	1	0.1 %
Canada	17	2.2 %
Chile	1	0.1 %
China	9	1.2 %
Croatia	1	0.1 %
Czech Republic	1	0.1 %
Denmark	10	1.3 %
Egypt	8	1.0 %
Estonia	4	0.5 %
Ethiopia	1	0.1 %
Finland	271	35.0 %
France	11	1.4 %
Germany	24	3.1 %
Ghana	3	0.4 %
Greece	1	0.1 %
Guatemala	1	0.1 %
Hungary	1	0.1 %
Iceland	5	0.7 %
India	3	0.4 %
Indonesia	3	0.4 %
Iraq	2	0.3 %
Ireland	2	0.3 %
Israel	1	0.1 %
Italy	14	1.8 %
Japan	8	1.0 %
Jordan	2	0.3 %
Kenya	8	1.0 %
Kyrgyzstan	1	0.1 %
Latvia	4	0.5 %
Lebanon	2	0.3 %
Lithuania	2	0.3 %
Malawi	1	0.1 %

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Malaysia	2	0.3 %
Malta	1	0.1 %
Mexico	3	0.4 %
Morocco	1	0.1%
Mozambique	1	0.1%
Nepal	1	0.1%
Netherlands	18	2.3 %
Nigeria	3	0.4 %
No Country Given	31	0.4 %
Norway	27	3.5 %
Poland	1	0.1 %
Qatar	10	1.3 %
Romania	1	0.1 %
Russia (Russian Fed.)	10	1.3 %
Samoa	1	0.1 %
Saudi Arabia	1	0.1 %
Saudi Arabia	3	0.4 %
Serbia	4	0.5 %
Singapore	4	0.5 %
South Africa	9	1.2 %
South Korea	20	2.6 %
Spain	7	0.9 %
Sri Lanka (Ex-Ceilan)	1	0.1 %
Sudan	1	0.1 %
Swaziland	1	0.1 %
Sweden	13	1.7 %
Switzerland	9	1.1 %
Tunisia	1	0.1 %
Uganda	2	0.3 %
Ukraine	1	0.1 %
United Kingdom	64	8.3 %
United States	56	7.2 %
Viet Nam	2	0.3 %
Yemen	2	0.3 %
Zimbabwe	1	0.1 %
Total	775	100 %
TOTAL	113	100 %

A majority of the WCSJ2013 participants came from Europe: 44 % were from the Nordic Countries and 27 % from other European countries. Approximately 14 % of the delegates were from developing countries. A total of 361 (46,58 %) of the participants belonged to a WFSJ member association and a significant portion (22,19 %) of the participants were members of the hosting organisation, FASEJ. The National Association of Science Writers (4,13 %), the Arab Science Journalists Association (2,45 %) and the Association of British Science Writers (2,32 %) also participated in large numbers.

WFSJ Associations - number of participants per association

Association	Number	%
African Federation Of Science Journalist (AFSJ)	4	0.5 %
Arab Science Journalists Association (ASJA)	19	2.5 %
Argentinian Network Of Science Journalism	3	0.4 %
Association of British Science Writers (ABSW)	18	2.3 %
Asutralian Science Communicators (ASC)	7	0.9 %
Benin: Association Des Journalistes Et Communicateurs Scientifiques du Benin (AJCSB)	1	0.1 %
Brazilian Association of Science Journalism	2	0.3 %
Canadian Science Writers' Association (CSWA)	4	0.5 %
Catalan Association For Science Communication (ACCC)	2	0.3 %
Chilean Association Of Science Journalists (ACHIPEC)	2	0.3 %
Chinese Society For Science And Technology Journalism (CSSTJ)	7	0.9 %
Danish Science Journalists' Association	7	0.9 %
Dutch Association of Science Journalists (VWN)	6	0.8 %
European Union Of Science Journalists' Associations (EUSJA)	14	1.8 %
Finnish Association of Science Editors and Journalists (FASEJ)	172	22.2 %
French Association Of Science Journalists (AJSPI)	2	0.3 %
German Association Of Science Writers (TELI)	9	1.2 %
International Science Writers Association (ISWA)	3	0.4 %
Irish Science & Technology Journalists' Association (ISTJA)	2	0.3 %
Italian Association Of Science Journalists (UGIS)	6	0.8 %
Japanese Association of Science and Technology Journalists (JASTJ)	6	0.8 %
Kenya: Media For Environment, Science, Health and Agriculture (MESHA)	3	0.4 %
Korea Science Journalists Association (KSJA)	12	1.6 %
Medical Journalists Association of Japan (MEJA)	1	0.1 %
National Association of Science Writers (NASW)	32	4.1 %
Nigeria Association of Science Journalists (NASJ)	2	0.3 %
Québec: Association Of Science Communicators (ACS)	3	0.4 %
South African Science Journalists' Association (SASJA)	7	0.9 %
Spanish Association Of Science Communication (AECC)	1	0.1 %
The Kenya Environment and Science Journalists Association (KENSJA)	2	0.3 %
Uganda Science Journalists' Association (USJA)	2	0.3 %
Total	361	46.6%

Scholars

WCSJ2013 received a total of 121 scholarship applications from 45 countries. The Executive Committee graded the applications and granted scholarships to 44 applicants. Unfortunately, six of the scholars were unable to participate in the conference due to difficulties in obtaining a visa. Therefore, a total of 38 scholarships were provided for directly by WCSJ2013 through funds it received from supporting organisations.

WCSJ2013 received 10 000 British pounds from Nature Publishing Group to aid reporters from the developing world to attend.

The Ministry for Foreign Affairs of Finland supported the conference by granting 15 000 euros to fund the travel and accommodation of journalists from developing countries.

Nine WCSJ2013 scholars were chosen by their supporting organisation: WCSJ2013 organised the travel and accommodation of five scholars that were chosen and funded by the Wellcome Trust. The scholars were from Indonesia, South Africa, Viet Nam, Central Africa and Kenya.

The Arab Science Journalist Association (ASJA) gave two accommodation and travel grants to Egyptian journalists.

The Cancer Society of Finland also granted two WCSJ2013 scholarships. The chosen scholars were from Estonia and Kyrgyzstan.

In addition to the above, several organisations provided direct support to bring journalists to the WCSJ2013 in Helsinki.

The World Federation of Science Journalists granted 18 scholarships for journalists from 14 developing countries to attend.

SciDev.Net provided support for 13 science journalists from the developing world to attend the conference.

The National Association of Science Writers (NASW) gave WCSJ2013 14 000 US dollars for the US speakers' grants.

The Finnish Association of Science Editors and Journalists provided 129 grants for its members to attend WCSJ2013.

Supporters and exhibitors

A total of 50 organisations participated as supporters or exhibitors in WCSJ2013 and the amount raised was 658 663 euros. The supporters and sponsors were instrumental in organising a successful conference. WCSJ2013 received 10 000 British pounds from Nature Publishing Group to aid reporters from the developing world to attend.

Organisation	Package type	Amount received
AAAS	Supporter	in-kind
Aalto University	Sponsored excursion	€ 5 000
Academy of Finland	Stand	€ 2 500
Bayer HealthCare	Stand and sponsored excursion	€ 12 500
Cancer Society of Finland	Supporter	in-kind
City of Oulu	Sponsored excursion	€ 2 500
CommHERE	Stand	€ 5 000
Elsevier	Stand	€ 5 000
European School of Oncology (ESO)	Sponsored lunch and workshop	€ 12 500
Estonian Research Council	Sponsored excursion	€ 5 000
European Centre for Disease Prevention and Control	Stand	€ 2 500
European Commission - Joint Research Centre	Stand	€ 5 000
European Food Safety Agency (EFSA)	Stand and sponsored lunch	€ 10 000
EUSJA	Stand	€810
Falling Walls Foundation GmbH	Advertising/Conference book	€ 1 500
FAPESP – São Paulo Research Foundation	Silver sponsor	€ 25 000
GE	Programme track sponsor	€ 50 000
Helsinki Region Transport	Supporter	in-kind
Heureka	Farewell reception sponsor	in-kind
Johnson & Johnson – Innovation	Gold sponsor	€ 50 000
KONE Oy	Sponsored excursion	€ 5 000
KSJA – Korea Science Journalists Association	Stand	€ 5 000
Lundbeck	Advertising/Conference book	€ 500
METLA	Science at midnight sponsor	in-kind
Mikkeli University Consortium	Sponsored excursion	€ 5 000
Ministry of Education and Culture of Finland	Supporter	€ 200 000
Ministry for Foreign Affairs of Finland	Journalism scholarships	€ 15 000
MultiTouch	Stand	in-kind
National Association of Science Writers, NASW	Journalism scholarships	€ 10 588
Nature Publishing Group	Journalism scholarships	€ 11 605
Media partner	in-kind	46.6%
NordForsk	Welcome reception sponsor	€ 35 000
Qatar Foundation	Gold sponsor	€ 49 890
SalWe	Stand	€ 5 000
SciDev.Net	Media partner	in-kind
Stand	€ 2 500	
Statistics Finland	Workshop	in-kind
TAF	Sponsored lunch	€ 5 000
Tampere University	Sponsored excursion	€ 5 000

Taylor and Francis Group	Advertising/Conference book	€ 1 500
Federation of Finnish Learned Societies	Supporter	€ 15 000
Tieteen tiedotus ry	Supporter	€ 50 000
Tikkurila Oyj	Farewell reception sponsor	€ 7 500
UN Foundation/Global Alliance for Clean Cookstoves	Stand	€ 2 500
Unigrafia		in-kind
University of Eastern Finland	Advertising/Conference book and insert	€ 3 500
University of Helsinki	Leading conference partner	in-kind
UNU-WIDER	Workshop and stand	€8500
UPM	Sponsored lunch	€ 5 000
Wellcome Trust	Journalism scholarships	€ 15 000
World Science Forum	Stand	€ 270
Total	€ 658 663	

Programme

The call for session proposals was open from March 11 to May 15, 2012 and WCSJ2013 received nearly 200 proposals from 42 countries. The proposals were reviewed by the Programme Committee chaired by Ulla Järvi. The Programme Committee had members from different regions of the world to ensure that the programme would fit the needs of journalists from all over the world. The conference programme was finalized by the Programme Task Force, Executive Committee and the conference secretariat. The WCSJ2013 programme included a pre-conference day with skill-building workshops, three full conference days and a day for specially tailored post-conference tours. The leading theme of the conference was Critical thinking in the public sphere and it was meant to highlight the integral role that science journalism plays in communicating scientific evidence to the society at large. Each main conference day also had a theme that was focused on.

The programme consisted of different types of sessions that were led by top media and science experts from around the world, as well as lunch sessions and press briefings. The plenary sessions challenged the delegates with the overall theme of the conference day and encouraged in-depth discussions with audience engagement. The topics introduced in the plenaries and day themes were further explored in the parallel sessions. Workshops had a more hands-on approach and they provided a venue for participants to experience, learn, and reflect upon an issue or idea related to the conference topics. There were over 200 speakers and session producers at WCSJ2013 and the programme consisted of three keynote plenary talks, seven plenaries, 12 pre-conference workshops, 47 parallel sessions, five lunch sessions, six press briefings and nine post-conference excursions.

Monday, June 24

The conference started on Monday, June 24 with 12 pre-conference workshops. The delegates registered for the workshops in advance through an online registration form and the number of registered participants per workshop varied from 8 to 55. Also, the presentation of bids for the 9th World Conference of Science Journalists took place on Monday afternoon. The Opening ceremony and Welcome reception began the official conference programme and welcomed the delegates to WCSJ2013 in Helsinki.

Opening ceremony: Freedom of expression Moderators:

KATJA BARGUM, producer, Finnish Broadcasting company YLE, FASEJ board member TAPIO MARKKANEN, professor, chair of the Finnish National Committee for UNESCO Speakers

ULLA-MAIJA FORSBERG, Interim Rector, University of Helsinki

RIITTA MAIJALA, Director, Ministry of Education and Culture

SATU LIPPONEN, WCSJ2013 and FASEJ president: Meaningful science journalism needs freedom VESA NIINIKANGAS, WFSJ president: Curiosity flourishes in freedom of expression MINTTU HILDEN, Project Manager, WCSJ2013

RIITTA MUSTONEN, Deputy Director, NordForsk

Evening social event: Pesäpallo (Finnish-rules baseball) and Cycling tour & sauna

Tuesday, June 25 – Our common values

Plenary talk by HANS ROSLING: A fact-based world view - people, money & energy

Morning plenary: What about ethics?

Producer: TEIJA RIIKOLA, moderator: SATU LIPPONEN, speakers: JUHA KERE, DEBORAH BLUM and ULLA JÄRVI Morning parallels: four 90 minute sessions and four 40 minute sessions

Lunch: three lunch sessions, two press briefings
Afternoon parallels: six 90 minute sessions
Afternoon plenary: Critical questioning in the public
sphere – the role of science journalists
Producer: VESA NIINIKANGAS, moderator: PALLAB
GOSH, speakers: PALLAVA BAGLA, VERONIQUE MORIN,
MOHAMMED YAHIA and LUCY CALDERON

Evening social events: Helsinki city reception, city orienteering and Bio Rex short films

Wednesday, June 26 – Our exciting work

Lessons from all corners of the world

Plenary talk by DEBORAH BLUM: The poisoner's guide to life (and communicating chemistry)
Morning plenary: The rise of the science blog network:

Producer: DEBORAH BLUM, moderator: LYNNE SMIT, speakers: ALOK JHA, BETSY MASON and BORA ZIVKOVIC Morning parallels: five 90-minute sessions and four 40-minute sessions

Lunch: one lunch session, three press briefings Afternoon parallels: six 90-minute sessions and two 40-minute sessions

Afternoon plenary: Core skills for science journalism: reflections from across cultures

Moderators: NICK PERKINS and TEUVO PELTONIEMI, speakers: PHILIP J. HILTS, WENDY YARED, JEAN-MARC FLEURY and ESTRELLA BURGOS RUIZ

Evening social events: What do icebreakers do during their summer break? Lammassaari dance and An evening with Rosetta at the old observatory

Thursday, June 27 – Our vulnerable world

Plenary talk by JANNE I. HUKKINEN: Mental preparation for a vulnerable world

Morning plenary: What do you mean, climate change? Producer: RAILI LEINO, moderators: RAILI LEINO and SUSANNAH ELIOTT, speakers: CHERELLE JACKSON, ANNE GLOVER and JANNE I. HUKKINEN

Morning parallels: five 90-minute sessions and four 40-minute sessions

Lunch: one lunch session, one press briefing Afternoon parallels: one two-hour session, four 90 minute sessions and two 40 minute sessions Closing plenary: New Horizons

Producers: SATU LIPPONEN and VESA NIINIKANGAS, moderators: JARI MÄKINEN and REETTA KETTUNEN, speakers: PETER C. EVANS, IVAN ORANSKY and CONNIE ST

Evening social event: Farewell dinner at Heureka

Friday, June 28

Nine post-conference excursions:

- Aalto University Towards a better world through innovations in wellbeing, health and energy
- Bayer Turku Innovations in medical healthcare
- Kone, Hyvinkää Reaching high with intelligent elevator solution
- Mikkeli region Research on clean water, organic food and bioenergy
- Oulu Capital of Northern Scandinavia from science to business
- Estonian research A study trip to Tallinn and Tartu
- University of Tampere on science journalism and journalism education in Finland
- Teollisuuden Voima Oyj nuclear power-generated electricity from the island of Olkiluoto
- GE Healthcare The future of patient care: intelligent hospitals

Programme feedback

Delegate feedback was gathered from 29 of the 48 sessions. The speakers were praised by the participants (4.3/5) and the clarity of the sessions also received excellent feedback (4.2/5). Overall, the delegates were satisfied with the relevance that the sessions had to their work (3.9/5), how they were organised (4.0/5) and with the content of the sessions (4.1/5). However, the feedback also showed that delegates thought the 40-minute sessions were too short and hardly any time was left for questions.

WCSJ2013 website and social media

The Internet played a pivotal role in WCSJ2013 and this became very clear to the organisers when the number of registrations boomed after the online marketing was boosted in April. WCSJ2013 sent out a total of 14 newsletters via e-mail reaching nearly 3000 subscribers and the newsletters were also posted on the conference website. In addition, WCSJ2013 had a blog that focused mainly on the programme and other current topics. During the conference week six blog articles were published on the WCSJ2013 website and 13 blog articles were published prior to the conference. Volunteering students from the University of Helsinki wrote the majority of the blog posts covering the sessions. All of the plenaries were recorded and streamed onto the WCSJ2013 website and the live presentations received a total of 752 viewers during the conference week and since then, the video recordings have been watched over 600 times. Some of the sponsors also streamed their sessions adding to the amount of online followers.



The organisers launched a competition for five social media scholarships and the winners took part in writing about the conference on Twitter and Facebook. Social media was an important part of the conference communications and WCSJ2013 was widely followed online. According to Twitter statistics on WCSJ2013 key words, the conference had altogether 339 367 active followers and the posts about WCSJ2013 showed on the Twitter feed of nearly 2 million people. The conference (@WCSJ2013) had 641 followers on Twitter and WCSJ2013 posted over 400 tweets. The #WCSJ2013 got over 2500 tweets during the conference week and in addition, many of the sessions had their own hashtags. On Facebook, the page for the 8th World Conference of Science Journalists, Helsinki received 684 likes and 248 of the delegates joined the WCSJ2013 attendees group that was used for conference communications and also served as a platform for networking among the participants. The official conference photos, taken by the WCSJ2013 photographer Jouko Keski-Säntti, were all uploaded to Flicker and they are free for use with connection (and credit) to the conference.

Personnel changes in the conference secretariat caused some delays in organising the conference and better documentation of planning and operations would have benefitted the new secretariat in this situation. The months leading up to the conference were extremely busy for the organisers and in retrospect, many of the conference preparations should have been started much earlier. This was the underlying cause of the difficulties that the organisers faced in spring 2013. In addition, it was challenging to estimate the number of participants as a large majority of the delegates registered rather late in April-June. A great number of people are involved in organising a world conference and therefore, detailed job descriptions are needed for the secretariat, PCO, and all the committees to avoid any overlapping or misunderstandings.

Social events

Registration in advance was required for all the social events, but unfortunately many of the delegates did not cancel their registration when they were unable to participate. Therefore, some of the social events did not reach full capacity as was intended even though there was a waiting list for the social events. A more convenient registration and cancellation system would benefit the participants and organisers.

Pre-conference workshops

It would be advisable to have only sponsored workshops during the pre-conference day and to have other types of workshops as part of the main conference programme. Also, make sure that you do not have too many overlapping workshops because some delegates will most likely skip the pre-conference day.

Sponsored lunches

The delegates who have registered for sponsored lunches should be sent a reminder and clear instructions a day before the lunch. Some delegates did not attend the sponsored lunches that they had registered for even though they were given the detailed information along with their delegate bag.

Press accreditation

Clear instructions for press accreditation are needed in order to make a clear distinction between the paying delegates and the journalists who are writing articles about the conference and thus, taking part in certain parts of the programme for free.

Scholarships

Make sure that you have enough time for the lengthy scholarship process. The visa arrangements took longer than expected in some countries and this resulted in six scholars not being able to participate in the conference. Some of the scholars had to travel to another country to apply for a visa and these additional costs were not covered by the scholarships. Our suggestion is to reserve more funds per scholar in order to be prepared for such costs. The travel and accommodation arrangements were also a handful and therefore, we warmly recommend careful preparation well in advance.

Conference programme

The WCSJ2013 programme was finalized too late and this led to some cancellations. Therefore, we suggest confirming the sessions well in advance, but it might be a good idea to save room in the programme for a couple of late-breaker sessions to cover current hot topics. Also, try to avoid having too many parallel sessions in order to have enough participants for each session. Clear instructions for the speakers' travel and accommodation reimbursement are needed and we recommend price limits for both of the expense categories.

Sponsored excursions

Some of the excursions had a high number of no-shows and therefore, a small registration fee might be in order to ensure that the delegates attend the excursion that they have registered for.

Venue

Make sure that you have enough signs and guides to help the delegates to find their way around the venue. In WCSJ2013, many of the participants had difficulties finding the sessions and more signs would have been needed. Also, we had problems with the WiFi connection because it was in such heavy use; the network was occasionally slow and the connections dropped.

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Organisers

Board of the Finnish Association of Science Editors and Journalists

Ms. SATU LIPPONEN, President, Head of Communications and Managing Editor, Cancer

Society of Finland

Ms. RAILI LEINO, Vice President, journalist,

Tekniikka&Talous

Ms. KATJA BARGUM, Producer, Finnish Broadcasting Company YLE

Ms. MINTTU HEIMOVIRTA, Science journalist, Finnish Broadcasting Company YLE

Mr. JUKKA LEHTINEN, Freelance science and technology journalist

Mr. JARI MÄKINEN, Freelance science journalist Mr. MIKKO MYLLYKOSKI, Experience Director, Heureka

The Finnish Science Centre

Mr. TIMO NIITEMAA, Freelance science journalist Mr. TEUVO PELTONIEMI, Editor-in-chief, Sociomedia Mr. MIKKO SUOMINEN, Freelance science journalist Mr. VESA NIINIKANGAS, Secretary General, Editor-in-chief, Tiedetoimittaja

Mr. JUHANI MÄNTTÄRI, Treasurer, Editor-in-chief, Luonnon Tutkija

Organising Committee

Ms. SATU LIPPONEN, Chair, President, 8th World Conference of Science Journalists

Ms. REETTA KETTUNEN, Vice-Chair, Secretary-General, Committee for Public Information (TJNK)

Mr. VESA NIINIKANGAS, President, World Federation of Science Journalists

Ms. ULLA JÄRVI, Programme Chair, PhD, medicine and health journalist

Mr. JUKKA LEHTINEN, Freelance science and technology journalist

Ms. RAILI LEINO, International Advisory Network, Vice-Chair, journalist, Tekniikka&Talous

Mr. TAPIO MARKKANEN, Chair of the Finnish National Commission for UNESCO

Ms. MINNA MERILÄINEN-TENHU, Representative of the University of Helsinki; Public Relations Officer, University of Helsinki, Finland

Mr. TEUVO PELTONIEMI, Communications Chair, Editor-in-Chief, Sosiomedia

Ms. HELENA RAUNIO,

Ms. RIITTA TIRRONEN, Representative of the Academy of Finland; Communications Manager, Editor-in-Chief, Academy of Finland

Ms. LIISA VIHMANEN, Cultural Chair, journalist at Finnish Broadcasting Company YLE

Executive Committee

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Ms. REETTA KETTUNEN, Vice-Chair

Mr. VESA NIINIKANGAS Mr. JUKKA LEHTINEN Ms. RAILI LEINO Mr. JUHANI MÄNTTÄRI

Programme Committee

Ms. ULLA JÄRVI, Chair, PhD, medicine and health journalist, Finland

Mr. ERKKI KARVONEN, Vice-Chair, Professor, Information and communication studies, Master's programme in science communication, University of Oulu, Finland

Mr. PALLAVA BAGLA, Chief Correspondent (South Asia) for Science magazine and science editor, New Delhi Television, India

Ms. DEBORAH BLUM, Pulitzer-Prize winning science journalist, blogger, author and contributor to Time, the Wall Street Journal, the Los Angeles Times, Scientific American, USA

Ms. LUCY CALDERON, Freelance science journalist, who writes for the Scidev.net website and the weekly online publication El Financiero, Costa Rica Ms. MINTTU HEIMOVIRTA, Science journalist, Finnish Broadcasting Company YLE

Ms. NATASHA MITCHELL, Science and health journalist at the Australian Broadcasting Corporation, Australia

Mr. DIRAN ONIFADE, Editor-in- Chief of AfricaSTI. com, President of the African Federation of Science Journalists, Nigeria

Mr. FABIO TURONE, Science journalist, director of Agency Zoe of scientific and medical information, President of the science writers association, Italy Mr. ESA VÄLIVERRONEN, Professor of Communication Studies, University of Helsinki, Finland Mr. MOHAMMED YAHIA, Editor, Nature Middle-East, contributor to Turkish Weekly and The Daily Star, Egypt

Programme task force

Ms REETTA KETTUNEN, Chair Ms MINTTU HEIMOVIRTA Mr MIKKO MYLLYKOSKI Ms RAILI LEINO Ms HELENA RAUNIO

In addition, the following persons were important contributors to the programme: Ms Terttu Nurro, Ms Teija Riikola, Ms Eeva Pitkälä, and Ms Trilce Sandoval-Similä.

Sponsorship Committee

Ms. SATU LIPPONEN, WCSJ2013 President Mr. VESA NIINIKANGAS, FASEJ Secretary-General, WFSJ President

for Public Information (TJNK)

Ms. HELENA RAUNIO, Journalist at Tekniikka&Talous (Technology&Business -magazine)

Ms. RIITTA TIRRONEN, Communications Manager, Academy of Finland

Our warmest thanks to Ms. Helena von Troil for her work in planning sponsorship activities and the sponsorship guide.

Cultural and social programme committee

Ms. LIISA VIHMANEN, Chair, journalist at Finnish **Broadcasting Company YLE**

Ms. MINNA LAUKKANEN, Science journalist, Editor-in-Chief, Kommentti.fi

Mr. MIKKO MYLLYKOSKI, Experience Director, Heureka The Finnish Science Centre

Mr. PANU NYKÄNEN, Professor, Aalto University, Helsinki, Finland

Ms. KIRSIKKA MATTILA, PR & Press Officer, City of

Ms. ULLA SALMI, Publishing Manager, Kirjapaja **Publishing House**

International advisory network

Mr. HANNS-J. NEUBERT, Chair, science journalist and former President of EUSJA, chairman of the board of the German science writers TELI Ms. RAILI LEINO, Vice-Chair, journalist at Tekniikka&Talous (Technology&Business -magazine)

We would also like to warmly thank the members of the International advisory network, Mr Jean-Marc Fleury and the board members of the World Federation of Science Journalists and for their contribution.

Communications Committee

Mr. TEUVO PELTONIEMI, Chair, Editor-in-Chief, Sosiomedia

Ms. EIJA HUKKA, Vice-Chair, Development Manager, Ms. REETTA KETTUNEN, Secretary-General, Committee National Institute for Health and Welfare, Finland

> In addition, we would like to thank Mr Jari Mäkinen, the members of the communications committee and other volunteers for their contribution to the conference communications and marketing.

Conference secretariat

Ms. MINTTU HILDEN, Project Manager Ms. MINNA HÄRKÖNEN, Project Coordinator

Professional conference organiser, PCO

Ms. RIIKKA LOUHIVUORI, Congress & Event Manager, Confedent International Ltd Ms. KATRI LUOMANPÄÄ, Congress Coordinator, Confedent International Ltd

All the volunteers deserve a warm thank you for their help in organising the conference and ensuring an enjoyable week for all the participants.

Speakers and producers

The WCSJ2013 organisers would also like to thank all of the session producers and speakers for the successful conference programme.

Sponsors and supporters

Leading conference partner

University of Helsinki

Gold partners

Qatar Foundation
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Silver partner

FAPESP - São Paulo Research Foundation

Programme track sponsor

GE Healthcare

Main sponsor of the welcome reception

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Cancer Society of Finland

City of Oulu

European Food Safety Authority (EFSA)

Estonian Research Council

European School of Oncology (ESO)
Federation of Finnish Learned Societies

KONE Oy METLA

Mikkeli University Consortium

Ministry for Foreign Affairs of Finland

Statistics Finland

TAF

Tampere University

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UPM

Exhibitors:

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European Centre for Disease Prevention and Control European Commission - Joint Research Centre

European Commission - John Research Ce

European Food Safety Agency EFSA

EUSJA

FAPESP - São Paulo Research Foundation

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MultiTouch

Qatar Foundation

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United Nations University World Science Forum

