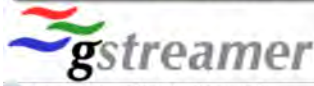


<https://web.archive.org/web/20160109011525/http://gstreamer.freedesktop.org/conference/2015/index.html>



open source multimedia framework

- Home
- Features
- News
- Annual Conference
- Planet (Blogs)
- Download
- Applications
- Developers
- Documentation
- Mailing Lists
- File a Bug
- Bug Lists
- Artwork
- Follow @gstreamer on Twitter

## GStreamer Conference 2015

8-9 October 2015 · The Convention Centre Dublin · Dublin, Ireland

The 6<sup>th</sup> GStreamer Conference was again co-located with the *Embedded Linux Conference Europe (ELCE)* and *LinuxCon Europe*. The event was held on Thursday and Friday 8-9 October 2015 at the Convention Centre Dublin (CCD) in Dublin, Ireland.

Registration is now closed.

### Post-conference follow-up

The 6<sup>th</sup> GStreamer Conference is now over. Thanks to everyone who attended, we hope you enjoyed it as much as we did. Many thanks to our speakers who have again presented a fantastic range of topics, and last but not least of course a big thanks to our sponsors and partners without whom the conference would not have been possible in this form.

Talks have been recorded by Ubcast and will be put up on the [GStreamer Conference videos](#) web site once they're ready. We will announce on the mailing lists, Planet GStreamer and twitter when the videos are up.

Slides for some of the talks and the lightning talks can be found in the [GStreamer Conference 2015 slides](#) folder.

Linux Weekly News (LWN) have attended the conference and have been [covering](#) some of the talks (content might be subscriber only when initially published but is usually available freely for non-subscribers the week after):

- [A simpler playback tool for GStreamer](#)
- [3D video and device mediation with GStreamer](#)
- [Upcoming work in and around GStreamer](#)
- [Experimental applications of GStreamer](#)

### Details

The GStreamer Conference is a conference for developers, decision-makers, community members, industry partners, and anyone else interested in the GStreamer multimedia framework or Open Source and cross-platform multimedia.

### Showcase or Lightning Talks

If you don't think you have enough material for a full talk, but perhaps just want to showcase something you're working on, or present a problem or challenge you are facing or have solved, and that you think might be interesting for others to hear about, why not submit a ca. 5-minute mini-talk for our *lightning talk/showcase* event?

Simply send a quick mail to [gstreamer-conference@lists.freedesktop.org](mailto:gstreamer-conference@lists.freedesktop.org) above to reserve your slot (subject to availability). There is no deadline for Lightning Talk submissions, slots will be allocated on a first-come first-serve basis.

### Social Event

There will again be a social event for registered attendees on Thursday 8 October 2015 in the evening from 19.00-23.00h at **Toners Pub**, 139 Lower Baggot Street, Dublin 2, D02 N231, between St Stephen's Green and Merrion Square ([map](#)).

Food and Drink will be provided, including vegetarian options.

Please don't forget to bring your badge.

### Schedule and speakers list

[Click here for the full schedule](#)

We have an exciting range of topics and speakers lined up for you again this year:

- [Interactive video playback and capture in the Processing Language via GStreamer](#)  
*Andres Colubri*
- [Faster transcoding with GStreamer in the cloud](#)  
*Thiago Sousa Santos, Samsung*
- [Tiled Streaming of UHD video in real-time](#)  
*Arjen Veenhuizen, TNO*
- [GStreamer and WebKit](#)  
*Philippe Normand, Igalia*
- [Hardware accelerated multimedia on TI's Jacinto 6 SoC](#)  
*Pooja Prajod, Texas Instruments*
- [Demystifying the allocation query](#)  
*Nicolas Dufresne, Collabora*
- [Synchronised multi-room media playback and distributed live media processing and mixing with GStreamer](#)  
*Sebastian Dröge, Centricular*
- [Implementing a WebRTC endpoint in GStreamer: challenges, problems and perspectives](#)  
*Dr Luis López, Kurento*
- [OpenGL Desktop/ES for the GStreamer pipeline](#)  
*Matthew Waters, Centricular*
- [Robust lipsync error detection using gstreamer and QR Codes](#)  
*Florent Thierry, Ubcast*
- [GStreamer VA-API: Hardware-accelerated decoding and encoding on Intel hardware](#)  
*Victor M. Jaquez L., Igalia*
- [Colorspaces and HDMI](#)  
*Hans Verkuil, Cisco*
- [GStreamer State of the Union](#)

## Sponsors

### Silver Sponsors



### Bronze Sponsors



### Special Media Partners



### Press Partners



Interested in becoming a sponsor?

- [Educational State of the Union](#)  
*Tim-Philipp Müller, Centricular*
- [Video Filters and their applications](#)  
*Sanjay Narasimha Murthy, Samsung*
- [Camera Sharing and Sandboxing with Pinos](#)  
*Wim Taymans, RedHat*
- [Stereoscopic \(3D\) Video in GStreamer Redux](#)  
*Jan Schmidt, Centricular*
- [Bin It! AKA, How to use bins and bin subclasses to keep state local and easily manage dynamic pipelines](#)  
*Vivia Nikolaidou, ToolsOnAir*
- [The HeliosTv Distributed DVB stack](#)  
*Romain Picard, SoftAtHome*
- [How to contribute to GStreamer](#)  
*Luis de Bethencourt, Samsung*
- [GstPlayer - A simple cross-platform API for all your media playback needs](#)  
*Sebastian Dröge, Centricular*
- [Improving GStreamer performance on large pipelines: from profiling to optimization](#)  
*Miguel Paris*
- [Kurento Media Server: experiences bringing GStreamer capabilities to WWW developers](#)  
*José Antonio Santos*
- [Going Live with ToolsOnAir's GStreamer-based broadcast mixing architecture](#)  
*Heinrich Fink, ToolsOnAir*
- [Distributed Acoustic Triangulation](#)  
*Jan Schmidt, Centricular*
- [Chromium: a new media Backend based on GStreamer](#)  
*Julien Isorce, Samsung*
- [ogv.js: bringing open codecs to Safari and IE with emscripten](#)  
*Brion Vibber, Wikimedia*
- [Bringing GStreamer to Radio Broadcasting](#)  
*Marcin Lewandowski*
- [Daala, NETVC, and the Alliance for Open Media: the plan for royalty free video](#)  
*Thomas Daede, Mozilla*
- [Simple techniques of pipeline performance measurements and time profiling of individual elements](#)  
*Kyrylo Polezhaiev*
- [Pointing cameras at TVs: when HDMI video-capture is not an option](#)  
*Will Manley, stb-tester*
- [Decodebin3, or dealing with modern playback use-cases](#)  
*Edward Hervey, Centricular*

#### Lightning Talks:

- [Industrial application pipelines](#) · *Marianna Smidth Buschle, QTechnology*
- [Hyperspectral imagery](#)  
*Dimitrios Katsaros, QTechnology*
- [gst-gtk-launch-1.0](#)  
*Florent Thiery, Ubcast*
- [liborc \(JIT SIMD generator\) experiments](#)  
*Wim Taymans, RedHat*
- [V4L2 GStreamer elements update](#)  
*Nicolas Dufresne, Collabora*
- [Analyzing caps negotiation with GstTracer](#)  
*Thiago Sousa Santos, Samsung*
- [Know your queues! queue, queue2, multiqueue, netbuffer and all that](#)  
*Tim-Philipp Müller*
- [Nle: A new design for the GStreamer Non Linear Engine](#)  
*Thibault Saunier*
- [What is new in GstValidate](#)  
*Thibault Saunier*
- [Continuous Integration update](#)  
*Edward Hervey*
- [Remote GStreamer Debugger](#)  
*Marcin Kolny*
- [gststreamermm C++ wrapper](#)  
*Marcin Kolny*
- [Multipath RTP \(MPRTP\) plugin in GStreamer](#)  
*Balázs Kreith*
- [OpenCV and GStreamer](#)  
*Vanessa Chipi*
- [Handling Interleaved and Non-Interleaved streams with GStreamer](#)  
*Ramesh Venkatachalapathy, LGE*
- [Done in 6.0 seconds: a new build system for GStreamer?](#)  
*Jussi Pakkanen*
- [Gst daemon and interpipes: A simpler way to get your application done](#)  
*Melissa Montero, RidgeRun*
- [Another android camera source for GStreamer](#)  
*Justin Kim, Collabora*
- ...
- [Submit your lightning talk now!](#)

#### Who should attend?

Anyone interested in open source cross-platform multimedia is encouraged to join us at the GStreamer Conference 2015. Whether you are a hobbyist or a student interested in the field of multimedia, or working for a company using or looking to

use GStreamer in their products, this is the perfect event for you to network at and to learn more about the latest technological breakthroughs in and around GStreamer. The talks will target both developers and managers.

## Registration

Registration is now open and will stay open until the conference.

[Sign up for the GStreamer Conference here](#)

There will be separate registration options for both professionals and for students and hobbyists:

|                  |                                     |
|------------------|-------------------------------------|
| Professional     | 275 USD incl. lunch (until 31 July) |
| Professional     | 385 USD incl. lunch (from 1 August) |
| Student/hobbyist | 100 USD incl. lunch                 |

The registration fee includes continental breakfast and lunch at the venue on both conference days.

For those uncertain about whether to register as a professional or hobbyist, the general rule is that if your company pays for you or sponsors you, you are a professional, and if you personally pay you are a student or hobbyist. If in doubt drop us a mail or just register as hobbyist. The important thing is that you'll make it to the conference!

Speakers who do a longer presentation will receive a discount code, so if you have submitted a talk or plan to submit a talk you may want to wait with registration until a decision has been made as to whether your proposal has been accepted.

Sponsors will receive a number of free registrations as part of their [sponsorship package](#).

## Call for Papers

The call for papers is now closed and talk proposals can no longer be submitted. Anyone who has submitted a talk proposal should have received an e-mail letting them know whether their proposal has been accepted.

Lightning talks may still be proposed.

## Co-hosted conferences

There are a few other events taking place alongside or just before the GStreamer Conference on October 8-9 this year, so if you are making your way to Dublin you might want to consider combining the GStreamer Conference with some of the other events.

|                                                         |                   |
|---------------------------------------------------------|-------------------|
| <a href="#">Embedded Linux Conference Europe (ELCE)</a> | October 5-7, 2015 |
| <a href="#">LinuxCon Europe</a>                         | October 5-7, 2015 |
| <a href="#">CloudOpen Europe</a>                        | October 5-7, 2015 |

## Sponsors

The GStreamer Conference 2015 is only possible thanks to the financial support from our sponsors. If your company would like to become a sponsor please refer to our [sponsorship information package](#).

## City

This year's conference will take place in [Dublin](#), Ireland.

### Getting there

Dublin airport (DUB) is Ireland's main airport with good regional and international connections.

## Venue

The conference will take place in [Liffey Meeting Room 2](#) (2a and 2b) at [The Convention Centre Dublin](#), which is located in Dublin's Docklands district not too far from the city centre.

The venue is just around the corner of the LUAS (light rail) Red Line *Spencer Dock* stop. It is also within half an hour walking distance or 10-minute taxi ride of most city centre locations and served by various bus routes.

## Hotels

If you have not booked your accommodation yet, it is advisable to do this as soon as possible.

The Linux Foundation had some [hotel recommendations](#) in the vicinity of the convention centre, all of which are sold out now, so you may have to look at places in other areas.

Most hotels in the city centre will be within walking distance (15-30mins) of the conference venue, or just a short taxi ride away. There is also public transport in form of busses and the LUAS light rail system. The convention centre is right next to the LUAS *Spencer Dock* stop which is on the Red Line.

Temple Bar is the name of the cultural/nightlife quarter which is popular with tourists and where also a lot of hotels are.

The following is just a small selection of hotels which may or may not be suitable. Dublin is an international business centre and tourist destination and as such has many hotels and hostels in all price categories. The below is merely a small selection, you can find more using the usual booking engines such as [booking.com](#), [lastminute.com](#) or [airbnb.com](#).

These hotels are located within half an hour of the convention center and had at least a couple of rooms left at the time of writing, but there are many other hotels in the city which may be even better located or provide better value:

- [The Fleet Street Hotel \(Temple Bar\)](#)
- [Maldron Hotel Cardiff Lane](#)
- [Sandymount Hotel](#)
- [Ballsbridge Hotel](#)
- [Temple Bar Inn](#)
- [Georg Frederic Handel Hotel, Temple Bar](#)
- For those on a budget [airbnb.ie](#) may have some suitable accommodation choices

If you find any other places that might be worth mentioning here, please send us a mail.

## Contact

If you have any questions about the GStreamer Conference or are considering [becoming a sponsor](#), please contact [Tim-Philipp Müller](#).

## Conference News and Updates

2015-September-28: the [full conference schedule](#) is now available as well

2015-September-28: The social event on Thursday 8 Oct in the evening is now confirmed to be at [Toners Pub](#) from 19.00-23.00h. Food and drink will be provided. Bring your badge.

2015-September-23: added some hotels which still have rooms available

2015-September-23: We're happy to to have [Linux Weekly News](#) again as Press Partner at this year's conference.

2015-September-22: The GStreamer project is thrilled to welcome back [Collabora](#) as a Silver sponsor this year.

2015-September-14: The GStreamer project is happy to welcome back [Igalia](#) as a Bronze sponsor this year.

2015-September-09: Talk abstracts and speaker bios published

2015-September-03: The GStreamer project is pleased to welcome [Pexip](#) as a Bronze sponsor.

2015-August-25: List of talks available

2015-August-05: The GStreamer project is delighted to welcome back [Google](#) as Silver sponsor

2015-August-01: [UbiCast](#) is welcomed back as special media partner who will again [record talks and lightning talks](#)

2015-July-31: Sponsorship brief available

2015-July-17: Registration is open

2015-July-17: Talk submission deadline is Sunday 9 August 2015

2015-July-02: Call for Papers

2015-June-12: Date and venue confirmed, talks may be submitted.

## Past GStreamer Conferences

- [16-17 October 2014](#) · Congress Centre Düsseldorf · Düsseldorf, Germany
- [22-23 October 2013](#) · Edinburgh International Conference Centre · Edinburgh, Scotland, UK
- [27-28 August 2012](#) · Sheraton San Diego Hotel & Marina · San Diego, USA
- [24-25 October 2011](#) · Clarion Congress Hotel · Prague, Czech Republic
- [26 October 2010](#) · University Arms Hotel · Cambridge, UK

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