

Retour sur CppCon 2017

Gabriel Aubut-Lussier



Getting Hooked on Profiling

19 septembre 2017
70 participants



CppCon 2017

25-29 septembre 2017
1100+ participants

Sessions préférées

- When a microsecond is an eternity: High performance trading systems in C++ – *Carl Cook*
- dynamic_cast from scratch – *Arthur O'Dwyer*
- Designing a feature that doesn't fit – *Patrice Roy*
- ThinLTO: Building C++ applications with scalable whole program optimization – *Theresa Johnson*

Sessions préférées (2)

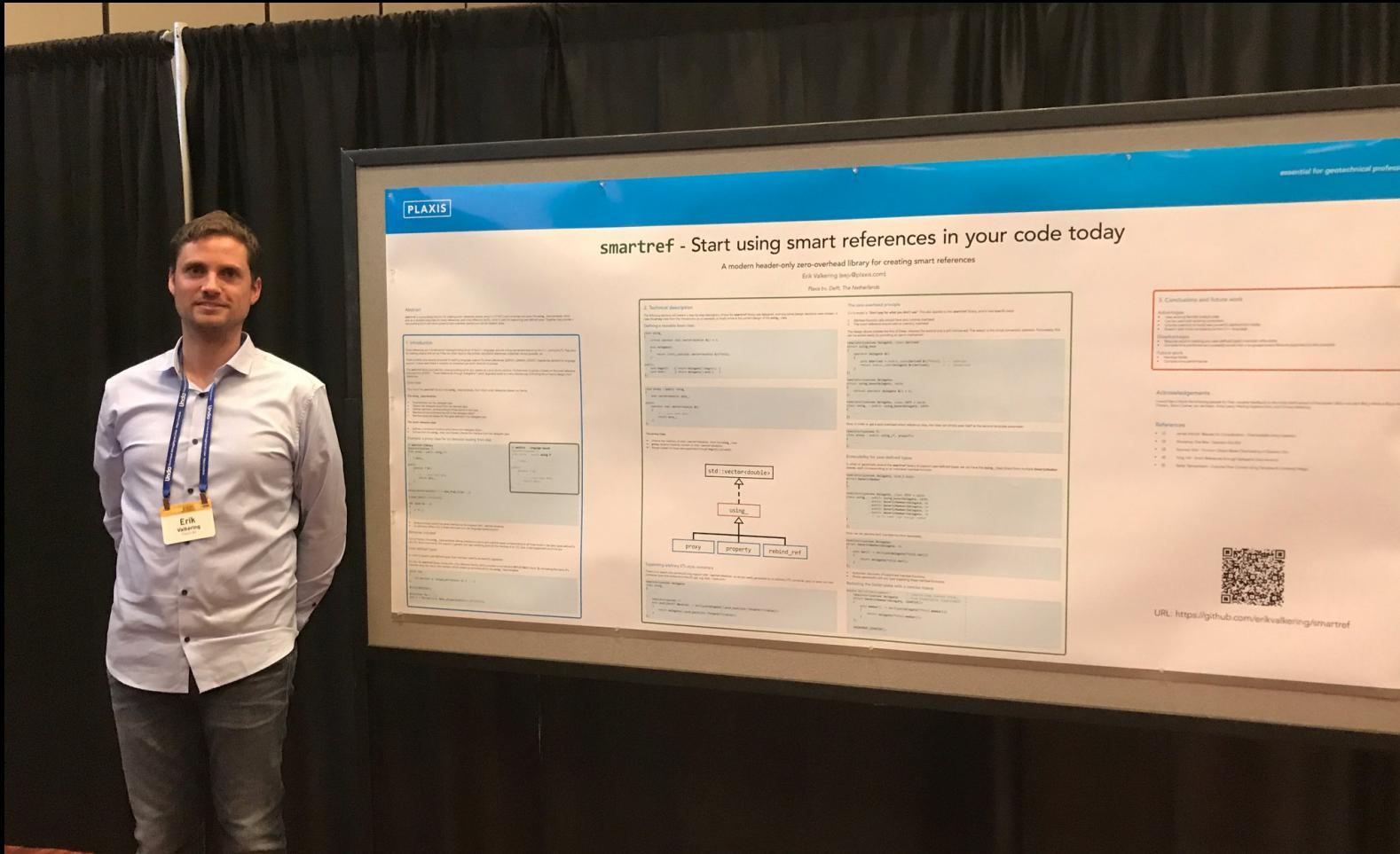
- Make classes great again! (using concepts for customization points) – *Vinnie Falco*
- A type, by any other name – *Jon Cohen*
- Runtime polymorphism: Back to the basics – *Louis Dionne*
- Practical techniques for improving C++ build times – *Dmitry Panin*

Sessions préférées (3)

- Fantastic algorithms and where to find them — *Nicholas Ormrod*
- End-to-end deadlock debugging tools at Facebook — *Kenny Yu*
- Going nowhere faster — *Chandler Carruth*
- My little object file: How linkers implement C++ — *Michael Spencer*

Contenu supplémentaire

- Lightning Talks
- Open Content
- 5@7



Smart References

Smart References



Constructor Template Argument Deduction

Michael Spertus

Conseils

- Avant : Faire des provisions de repos et arriver en forme
- Pendant : Toujours rejoindre un groupe pour diner/souper
- Après : Partager les connaissances acquises
- Après : Regarder les sessions que vous auriez aimé voir...

 CppCon

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CppCon 2017: Robert Ramey "How to Write ...
CppCon • 2K views • 4 days ago
c 1:02:19



CppCon 2017: Teresa Johnson "ThinLTO: Scalable
CppCon 1,225 views • 1 day ago
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CppCon 2017: Alfred Bratterud "Delegate this!
CppCon 1,010 views • 1 day ago
58:11

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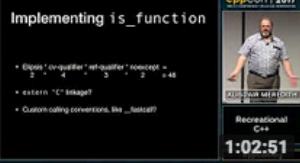


CppCon 2017: Titus Winters "Hands-On With Abseil"
Titus Winters (titus@google.com)
58:54



CppCon 2017: Anthony Williams "Concurrency, Parallelism and Coroutines"
Anthony Williams (anthony.williams@arm.com)
cc_keywords
co_return some_value
Return a final value from the coroutine.
co_await some(awaitable)
Suspend this coroutine if the awaitable expression is not ready.
co_awaiter<T> co_awaiter<T>(coroutine_handle<T> handle);
Return an intermediate value from the coroutine; the coroutine can be reentered at the next statement.

1:05:24



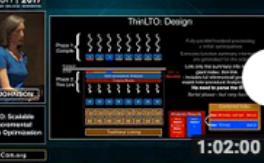
CppCon 2017: Alisdair Meredith "Recreational C++"
Alisdair.Meredith@gmail.com
Implementing is_function
• `ellipsis * cv-qualifier * ref-qualifier * noexcept = 2 * 4 * 5 * 2 = 40`
• `extern "C" Image?`
• Custom calling conventions, like `_fastcall`

1:02:51



CppCon 2017: Odin Holmes "Agent based class design"
odin.holmes@gmail.com
Recreational C++
Tabea Marie Paul

1:08:37



CppCon 2017: Teresa Johnson "ThinLTO: Scalable
CppCon 1,225 views • 1 day ago
1:02:00

Enregistrements sur YouTube

<https://www.youtube.com/user/CppCon/videos>

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- Ne vous découragez pas au premier refus
- Participez aux événements locaux
- Partagez vos connaissances avec votre entourage