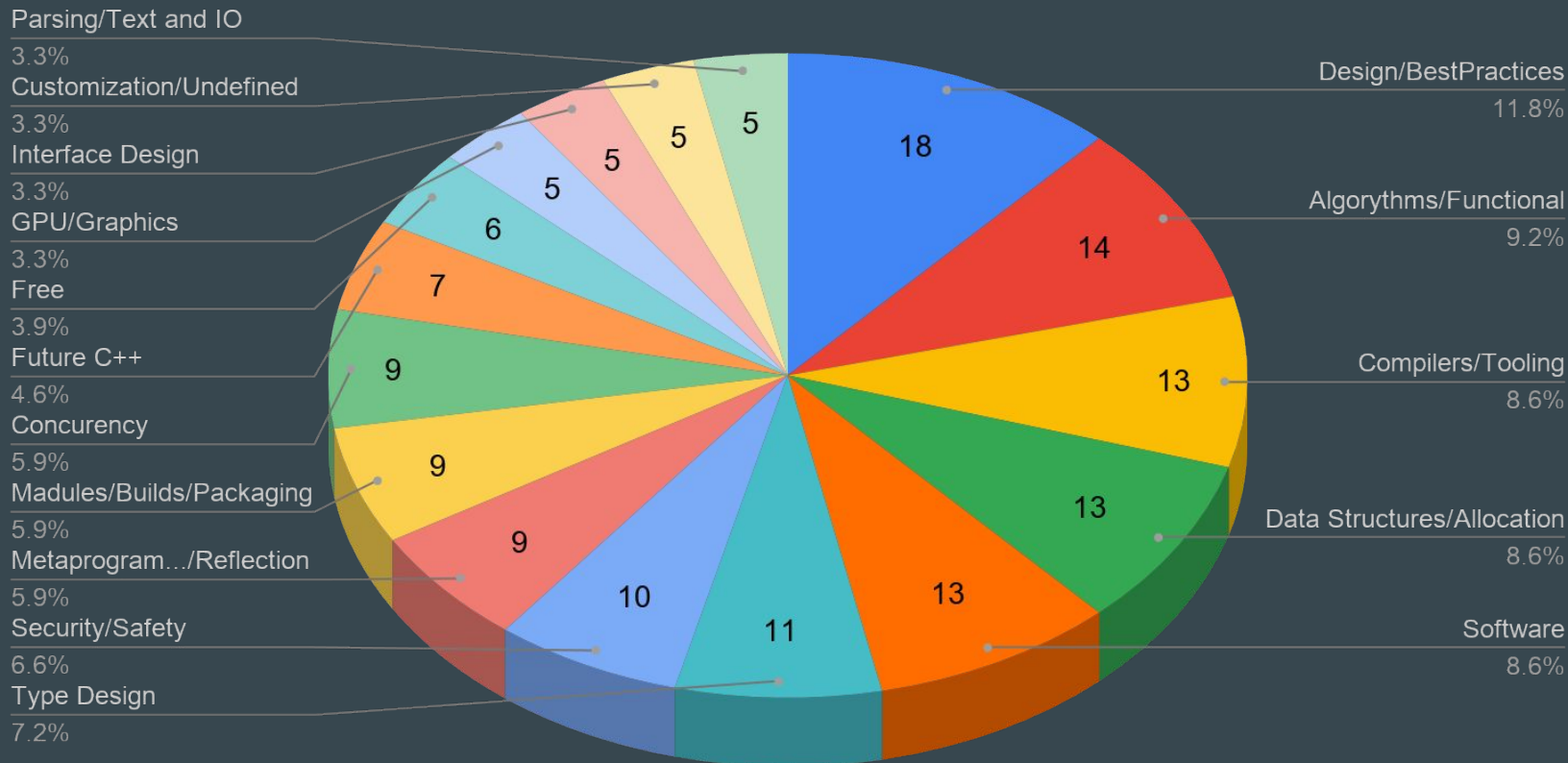# CppCon 2019/Code Dive

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C++ User Group Kraków

CppCon 2019

CppCon 2019 - overview

- September 13 - 18, Aurora Hotel, Colorado, USA

- 5 days conference, 4 days classes

- 171 speakers
  - 3 from Poland:
    - Andrzej Krzemieński
    - Michał Dominiak
    - Mateusz Pusz

- 170 presentations, 8 lighting talks, 35 training classes

CppCon 2019 - talks categories

Parsing/Text and IO — 3.3%
Customization/Undefined — 3.3%
Interface Design — 3.3%
GPU/Graphics — 3.3%
Free — 3.9%
Future C++ — 4.6%
Concurency — 5.9%
Madules/Builds/Packaging — 5.9%
Metaprogram.../Reflection — 5.9%
Security/Safety — 6.6%
Type Design — 7.2%

Design/BestPractices — 11.8%
Algorythms/Functional — 9.2%
Compilers/Tooling — 8.6%
Data Structures/Allocation — 8.6%
Software — 8.6%

18, 14, 13, 13, 13, 11, 10, 9, 9, 9, 7, 6, 5, 5, 5, 5

CppCon 2019 - most popular talks

- *C++20: C++ at 40 -* Bjarne Stroustrup

- *"Allegro" Means Both Fast and Happy. Coincidence? -* Andrei Alexandrescou

- *Better Code -* Sean Parent

- *De-fragmenting C++: Making Exceptions and RTTI More Affordable and Usable ("Simplyfying C++" #6 of N) -* Herb Sutter

- *What Every Programmer Should Now About Memory Allocation -* Sammy Al Bahra, Hannes Sova Paul Khoung
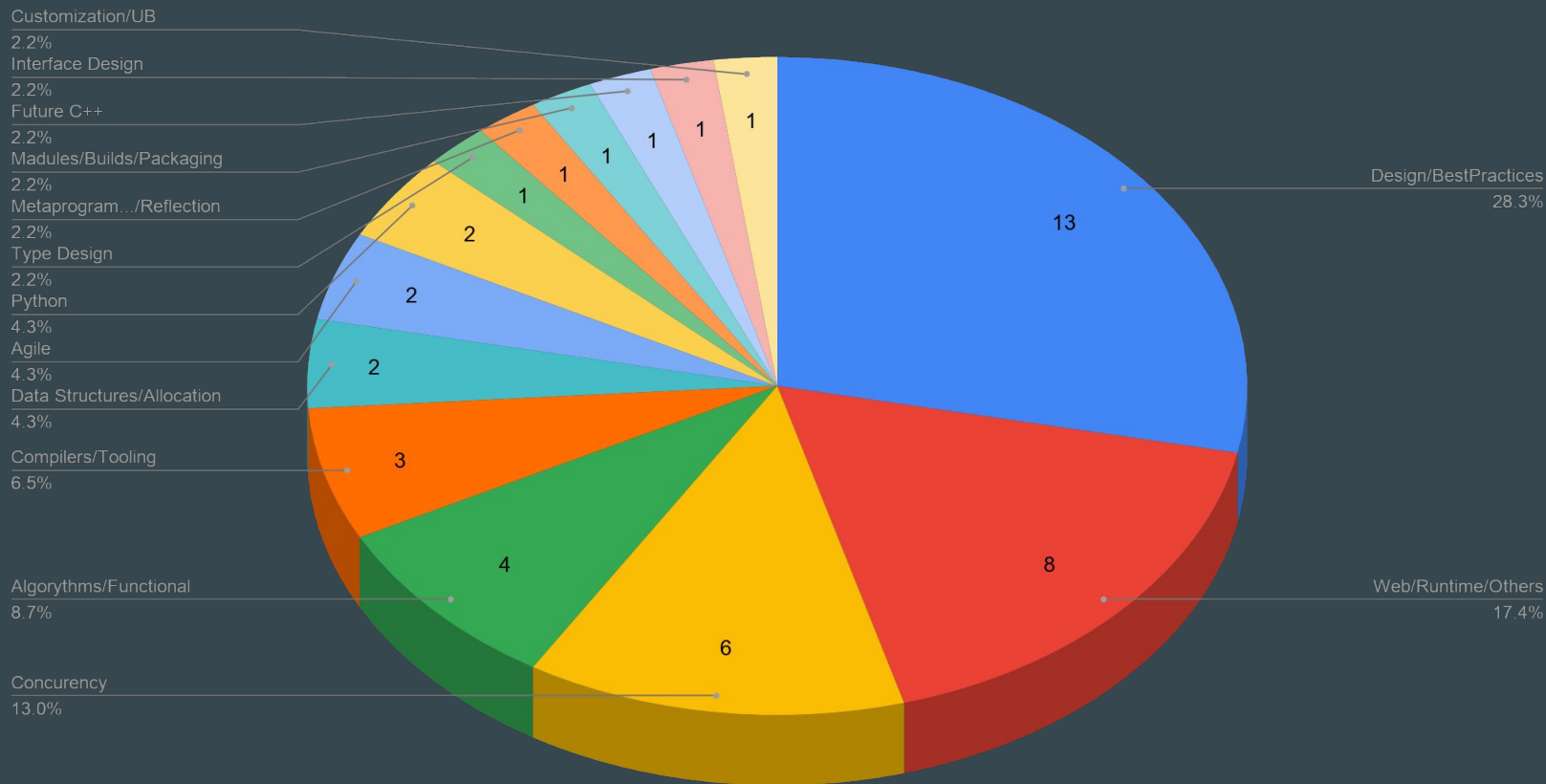
Discussion

Important Links

- https://cppcon.org - official conference site

- https://github.com/CppCon - posters and presentations repository

- https://www.youtube.com/user/CppCon - official conference YouTube channel

Code Dive

Code Dive - overview

- November 20 - 21, Nowe Horyzonty Cinema, Wrocław, Poland
- 2 days conference
- 45 speakers
  - 22 from Poland
- 46 presentations

Code Dive - talks categories

Category	Value	Percent
Customization/UB		2.2%
Interface Design		2.2%
Future C++		2.2%
Madules/Builds/Packaging		2.2%
Metaprogram…/Reflection		2.2%
Type Design		2.2%
Python		4.3%
Agile		4.3%
Data Structures/Allocation		4.3%
Compilers/Tooling		6.5%
Algorythms/Functional		8.7%
Concurency		13.0%
Design/BestPractices	13	28.3%
Web/Runtime/Others	8	17.4%

Code Dive - selected talks

- *C++ Code Smells -* Jason Turner

- *Undefined Behavior is Not an Error -* Barbara Geller, Ansel Sermersheim

- *Preconditions, postconditions, invariants – how they help write robust programs -* Andrzej Krzemieński

- *Rethinking Usage of C++ Templates -* Mateusz Pusz

Discussion

Important Links

- https://codedive.pl/ - official conference site

- https://bit.ly/2rjVcNs - official conference YouTube channel

The End