

LEWG **May 2026**

LEWG-tagged papers.

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PAPER	TITLE	AUTHORS
P1040R10	std::embed and #depend	JeanHeyd Meneide
P2728R12	Unicode in the Library, Part 1: UTF Transcoding	Eddie Nolan
P2906R1	Structured bindings for std::extents	Bernhard Manfred Gruber, Yihan Wang, Mark Hoemmen
P2929R4	chunked_invoke	Daniel Towner, Ruslan Arutyunyan
P2964R4	Allowing user-defined types in std::simd	Daniel Towner, Ruslan Arutyunyan
P3045R8	Quantities and units library	Mateusz Pusz, Dominik Berner, Johel Ernesto Guerrero Peña, Charles Hogg, Nicolas Holthaus, Roth Michaels, Vincent Reverdy
P3098R2	Contracts for C++: Postcondition captures	Timur Doumler, Gašper Ažman, Joshua Berne
P3100R6	A framework for systematically addressing undefined behaviour in the C++ Standard	Timur Doumler, Joshua Berne
P3125R5	constexpr pointer tagging	Hana Dusíková
P3290R4	Integrating Existing Assertions With Contracts	Joshua Berne, Timur Doumler, John Lakos
P3351R4	views::scan	Yihe Li
P3377R0	constexpr `reinterpret_cast` partial replacements	Hana Dusíková, Gašper Ažman
P3411R6	`any_view`	Hui Xie, S. Levent Yilmaz, Louis Dionne, Patrick Roberts
P3427R4	Hazard Pointer Synchronous Reclamation	Maged Michael, Michael Wong, Paul McKenney, Mark de Wever
P3642R5	Carry-less product: std::cmlul	Jan Schultke
P3666R4	Bit-precise integers	Jan Schultke
P3724R4	Integer division	Jan Schultke

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P3729R1	Aligning span and string_view	Michael Florian Hava
P3737R4	std::array is a wrapper for an array!	Jan Schultke
P3738R1	Make std::make_from_tuple SFINAE friendly	Yihan Wang
P3818R2	constexpr exception library which is unsurprising in potentially constant initialization	Hana Dusíková
P3850R0	A proposed plan for extending Contracts in C++29	Timur Doumler, Joshua Berne
P3852R1	constexpr `is_pointer_within` memory area	Hana Dusíková
P3933R1	constexpr `std::hive`	Hana Dusíková, Nyltej
P3969R1	Fixing std::bit_cast of types with padding bits	Jan Schultke
P3971R1	Generalised type rebinding for structures of uniform elements	Daniel Towner
P3973R1	bit_cast_as: Element type reinterpretation for std::simd	Daniel Towner
P3983R2	simd object representation	Daniel Towner, Ruslan Arutyunyan
P4003R3	Ask: A Minimal Coroutine Execution Model	Vinnie Falco, Mungo Gill, Steve Gerbino
P4013R0	constexpr `any` of all the things	Hana Dusíková
P4189R0	get()ing the pointer from optional	Nevin Liber
P4206R0	Revert string support in std::constant_wrapper	Barry Revzin, Zach Laine, Matthias Kretz, Jonathan Wakely, Tomasz Kamiński
P4209R0	numeric_limits for std::simd	Daniel Towner
P4213R0	Minimal SI: Defining the International System of Units for the C++ Standard Library	Mateusz Pusz
P4216R0	Comparisons for span	Michael Florian Hava
P4217R0	when_all() is just just()	Robert Leahy
P4220R0	Design goals for zstring_view	Andrzej Krzemieński
P4225R0	2026-05 Library Evolution Polls	Inbal Levi, Fabio Fracassi, Andreas Weis, Corentin Jabot
P4227R0	What's in a cstring_view?	Andreas Weis

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P4228R0	try_*_back For Other Sequence Containers	Nevin Liber
P4230R0	Implementability of P0943's C++ stdatomic.h	Hans Boehm
P4231R0	Unified floating point rounding proposal	Hans Boehm, Guy Davidson, Jan Schultke
P4233R0	More minor additions to standard library hardening	Konstantin Varlamov