

LWG-tagged papers.

47 papers · Generated 2026-08-14 07:18 UTC

PAPER	TITLE	AUTHORS
P2956R2	Add saturating library support to std::simd	Daniel Towner, Ruslan Arutyunyan
P3154R2	Deprecating signed character types in iostreams	Elias Kosunen
P3242R2	Copy and fill for mdspan	Nicolas Morales, Christian Trott, Mark Hoemmen, Damien Lebrun-Grandie
P3605R1	isqrt: A function to calculate integer square root of the nonnegative integer	Nikita Sakharin
P3625R1	either neither	Michael Florian Hava
P3655R4	cstring_view	Peter Bindels, Hana Dusikova, Jeremy Rifkin, Marco Foco, Alexey Shevlyakov
P3692R4	How to Avoid OOTA Without Really Trying	Paul E. McKenney, Alan Stern, Michael Wong, Maged Michael, Gonzalo Brito
P3725R2	Filter View Extensions for Safer Use, Rev 2	Nicolai Josuttis
P3725R3	Filter View Extensions for Safer Use, Rev 3	Nicolai Josuttis
P3726R2	Adjustments to Union Lifetime Rules	Barry Revzin, Tomasz Kamiński
P3787R1	Adjoints to "Enabling list-initialization for algorithms": uninitialized_fill	Giuseppe D'Angelo, Ruslan Arutyunyan
P3787R2	Adjoints to "Enabling list-initialization for algorithms": uninitialized_fill	Giuseppe D'Angelo, Ruslan Arutyunyan
P3795R2	Miscellaneous Reflection Cleanup	Barry Revzin
P3804R2	Iterating on parallel_scheduler	Lucian Radu Teodorescu, Ruslan Arutyunyan
P3826R4	Fix Sender Algorithm Customization	Eric Niebler
P3826R5	Fix Sender Algorithm Customization	Eric Niebler
P3828R1	Rename the to_input view to as_input	Nicolai Josuttis

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P3842R1	A conservative fix for constexpr uncaught_exceptions() and current_exception()	Ville Voutilainen
P3842R2	A conservative fix for constexpr uncaught_exceptions() and current_exception()	Ville Voutilainen
P3856R6	New reflection metafunction - is_structural_type (US NB comment 49)	Jagrut Dave, Alisdair Meredith
P3856R7	New reflection metafunction - is_structural_type (US NB comment 49)	Jagrut Dave, Alisdair Meredith
P3856R8	New reflection metafunction - is_structural_type (US NB comment 49)	Jagrut Dave, Alisdair Meredith
P3927R1	task_scheduler Support for Parallel Bulk Execution	Eric Niebler
P3927R2	task_scheduler Support for Parallel Bulk Execution	Eric Niebler
P3941R3	Scheduler Affinity	Dietmar Kühl
P3941R4	Scheduler Affinity	Dietmar Kühl
P3948R1	constant_wrapper is the only tool needed for passing constant expressions	Matthias Kretz
P3953R2	Rename std::runtime_format	Victor Zverovich
P3953R3	Rename std::runtime_format	Victor Zverovich
P3961R1	Less double indirection in function_ref (RU-220)	Zhihao Yuan
P3978R3	constant_wrapper should unwrap on call and subscript	Matthias Kretz
P3980R1	Task's Allocator Use	Dietmar Kühl
P3982R2	Split strided_slice into extent_slice and range_slice for C++26	Tomasz Kamiński, Mark Hoemmen
P3983R1	simd object representation	Daniel Towner, Ruslan Arutyunyan
P3986R1	A Wording Strategy for Inlinable Receivers	Robert Leahy
P4012R1	value-preserving consteval broadcast to simd::vec	Matthias Kretz
P4037R1	Supporting signed char and unsigned char in random number generation	Jan Schultke
P4042R0	Fix LWG4543: incorrect cast between simd::vec and simd::mask [...]	Matthias Kretz

PAPER	TITLE	AUTHORS
P4140R0	Proposed resolution for US70-126: allow incomplete types in type_order	Gašper Ažman
P4144R1	Remove span's initializer_list constructor for C++26	Mark Hoemmen, Tomasz Kamiński, Tim Song, Jonathan Wakely
P4154R0	Renaming various execution things	Tim Song, Ruslan Arutyunyan, Arthur O'Dwyer
P4156R0	Rename meta::has_ellipsis_parameter to meta::is_vararg_function	Ville Voutilainen
P4159R0	Make sender_to and receiver_of exposition-only	Tim Song
P4161R0	std::fewer	Jeff Snyder, Jonathan B. Coe, Neelofer Banglawala
P4173R0	A range facility for mdspan	Hewill Kang
P4179R0	view_interface::[c]rbegin()	Hewill Kang
P4188R0	Extensible Math Functions for C++	Stephane Gros-Lemesre