2023 Alonzo Church Award for Outstanding Contributions to Logic and Computation

The awardee papers are:

- Ralf Jung, David Swasey, Filip Sieczkowski, Kasper Svendsen, Aaron Turon, Lars Birkedal, Derek Dreyer: "Iris: Monoids and Invariants as an Orthogonal Basis for Concurrent Reasoning". POPL 2015.

- Ralf Jung, Robbert Krebbers, Lars Birkedal, Derek Dreyer: "Higher-order ghost state". ICFP 2016.

- Robbert Krebbers, Ralf Jung, Aleš Bizjak, Jacques-Henri Jourdan, Derek Dreyer, Lars Birkedal: "The Essence of Higher-Order Concurrent Separation Logic". ESOP 2017.

- Ralf Jung, Robbert Krebbers, Jacques-Henri Jourdan, Aleš Bizjak, Lars Birkedal, Derek Dreyer: "Iris from the ground up: A modular foundation for higher-order concurrent separation logic". J. Funct. Program. 28 (2018).

for the design and implementation of Iris, a higher-order concurrent separation logic framework.

The award was established in 2015 by SIGLOG, EATCS, EACSL and the Kurt Gödel society.

The 2023 Alonzo Church Award Committee:

- Thomas Colcombet,

- Mariangiola Dezani,

- Marcelo Fiore,

- Radha Jagadeesan and

- Igor Walukiewicz.

The list of the previous recipients of the Alonzo Church Award for Outstanding Contributions to Logic and Computation is available at `https://www.eatcs.org/index.php/church-award`.