

# The 19th International Symposium on Applied Reconfigurable Computing - ARC 2023, Cottbus - Germany

Reconfigurable computing technologies offer the promise of substantial performance gains over traditional architectures via customizing the topology of the underlying architecture to match the specific needs of a given application, even at runtime. Contemporary configurable architectures allow for the definition of architectures with functional and storage units that match in function, bit width, and control structures the specific needs of a given computation. The flexibility enabled by reconfiguration is also seen as a basic technique for overcoming transient failures in emerging device structures. The symposium aims to bring together researchers and practitioners of reconfigurable computing with an emphasis on practical applications of this promising technology. The conference will be held in the city of Cottbus - Germany, hosted by Brandenburg University of Technology.

 September 27, 2023 - September 29, 2023

- Important Dates
- Registration



## The 19th International Symposium on Applied Reconfigurable Computing – ARC 2023, Cottbus – Germany

Reconfigurable computing technologies offer the promise of substantial performance gains over traditional architectures via customizing the topology of the underlying architecture to match the specific needs of a given application, even at runtime. Contemporary configurable architectures allow for the definition of architectures with functional and storage units that match in function, bit width, and control structures the specific needs of a given computation. The flexibility enabled by reconfiguration is also seen as a basic technique for overcoming transient failures in emerging device structures. The symposium aims to bring together researchers and practitioners of reconfigurable computing with an emphasis on practical applications of this promising technology. The conference will be held in the city of Cottbus – Germany, hosted by Brandenburg University of Technology.

VENUE

### Sponsors



Please go to the following page for sponsorship:

Call for Sponsors

