The William C. Carter Award is presented annually since 1997 to recognize an individual who has made a significant contribution to the field of dependable computing through his or her graduate dissertation research. The award honors the late William C. Carter, a key figure in the formation and development of the field of dependable computing, and someone who always took the time to encourage, mentor, and inspire newcomers to the field. This award honors and carries on this aspect of his legacy.

The award is sponsored by IEEE Technical Committee on Fault-Tolerant Computing (TC-FTC) and IFIP Working Group on Dependable Computing and Fault Tolerance (WG 10.4).

Requirements for the award were announced in the Call for Contributions. To qualify, a paper based on the student’s dissertation must have been submitted as a regular paper with the student as the first author and be submitted to the DCC Symposium within DSN. Both current graduate students and former graduate students, no more than two years past completion of their dissertations, were eligible.

All Carter Award submissions accepted as regular papers to the DCC Symposium were evaluated by the Steering Committee of the Conference. From this evaluation, the Committee selected João Durães as this year’s winner based on the research described in:

“Definition of Software Fault Emulation Operators: A Field Data Study”
João Durães and Henrique Madeira, advisor, University of Coimbra, Portugal