



The Steering Committee of the  
HiPEAC European Network on High  
Performance, Edge And Cloud Computing

has awarded a



## HiPEAC 2019 Paper Award

For the paper

*D-RaNGe: Using Commodity DRAM Devices to Generate True Random Numbers  
with Low Latency and High Throughput*

to

**Jeremie S. Kim, Minesh Patel, Hasan Hassan, Lois Orosa, Onur Mutlu**

at the

**International Symposium on High Performance Computer Architecture**

The HiPEAC Coordinator

A blue ink signature of Prof. Koen De Bosschere, written in a cursive style.

Prof. Koen De Bosschere