



# Consent to Publish and Copyright Transfer



Title of the Series: IFIP Advances in Information and Communication Technology . . . . .  
 Title of the Book: VLSI-SoC: System-on-Chip in the Nanoscale Era - Design, Verification and Reliability  
 Volume Editor(s): Thomas Hollstein, Jaan Raik, Sergei Kostin, Anton Tsertov, Ian O'Connor and Ricardo Reis  
 Title of the Contribution (if not the entire book): Enabling Internet-of Things with Opportunities Brought by Emerging Devices, Circuits and Architectures  
 Author(s) Name(s): Xueqing Li, Kaisheng Ma, Sumitha George, John Sampson, and Vijaykrishnan Narayanan  
 Corresponding Author's Name, Address, Affiliation and Email:  
 Name: Xueqing Li; Address: 351 IST Building, The Pennsylvania State University  
 Email: lixueq@cse.psu.edu

When Author is more than one person the expression "Author" as used in this agreement will apply collectively unless otherwise indicated.

## § 1 Rights Granted

This document represents an agreement between Author and Springer International Publishing AG, Cham (hereinafter called Springer) and between Author and the International Federation for Information Processing (hereinafter called IFIP).

Author hereby grants and assigns to Springer the exclusive, sole, permanent, world-wide, transferable, sub-licensable and unlimited right to reproduce, publish, distribute, transmit, make available or otherwise communicate to the public, translate, publicly perform, archive, store, lease or lend and sell the Contribution or parts thereof individually or together with other works in any language, in all revisions and versions (including soft cover, book club and collected editions, anthologies, advance printing, reprints or print to order, microfilm editions, audiograms and videograms), in all forms and media of expression including in electronic form (including offline and online use, push or pull technologies, use in databases and data networks (e.g. the Internet) for display, print and storing on any and all stationary or portable end-user devices, e.g. text readers, audio, video or interactive devices, and for use in multimedia or interactive versions as well as for the display or transmission of the Contribution or parts thereof in data networks or search engines, and posting the Contribution on social media accounts closely related to the Work), in whole, in part or in abridged form, in each case as now known or developed in the future, including the right to grant further time-limited or permanent rights, subject to limitations specified in the Publishing Agreement between Springer and IFIP. Specifically, IFIP has the right to place a copy of the author-created manuscript in the IFIP Digital Library. Springer especially has the right to permit others to use individual illustrations, tables or text quotations and may use the Contribution for advertising purposes. For the purposes of use in electronic forms, Springer may adjust the Contribution to the respective form of use and include links (e.g. frames or inline-links) or otherwise combine it with other works and/or remove links or combinations with other works provided in the Contribution. For the avoidance of doubt, all provisions of this contract apply regardless of whether the Contribution and/or the Work itself constitutes a database under applicable copyright laws or not.

The Author transfers the copyright in the Contribution to IFIP. Springer will print the following copyright notice in the Contribution: "© IFIP International Federation for Information Processing YEAR. Published by Springer International Publishing Switzerland YEAR. All Rights Reserved". Springer may take, either in its own name or in the name of IFIP or the Author, any necessary steps to protect the copyright against infringement by third parties. It will have the copyright notice inserted into all editions of the Contribution according to the provisions of the Universal Copyright Convention (UCC) and dutifully take care of all formalities in this connection.

The parties acknowledge that there may be no basis for claim of copyright in the United States to a Contribution prepared by an officer or employee of the United States government as part of that person's official duties. If the Contribution was performed under a United States government contract or grant Springer grants the United States government royalty-free permission to reproduce and distribute the Contribution for United States government purposes according to the requirements of the contract or grant. If the Contribution was prepared or published by or under the direction or control of Her Majesty (i.e., the constitutional monarch of the Commonwealth realm) or any Crown government department, the copyright in the Contribution shall, subject to any agreement with Author, belong to Her Majesty. If Author is an officer or employee of the United States government or of the Crown, reference will be made to this status on the signature page.

## § 2 Rights Retained by the Author

Author retains, in addition to uses permitted by law, the right to communicate the content of the Contribution to other scientists, to share the Contribution with them in manuscript form, to perform or present the Contribution or to use the content for non-commercial internal and educational purposes, provided the IFIP-Springer publication is mentioned as the original source of publication in any printed or electronic materials. For the aforementioned purposes Author may also translate his work.

In case Author wants to officially publish a translated version of the accepted paper, he will contact Springer with a request for permission. If Springer does not plan to publish a translation within six months after the request, Springer will grant the Author permission to publish a translated version of the Contribution, provided the IFIP-Springer publication is mentioned as the original source of publication in any printed or electronic materials.

Author retains the right to republish the Contribution in any collection consisting solely of the Author's own works without charge and subject only to notifying Springer in writing prior to such publication of the intent to do so and to ensuring that the IFIP-Springer publication is properly credited and that the relevant copyright notice is repeated verbatim.

Author may self-archive the Author's accepted manuscript of the Contribution on his/her own websites and in any repository. He/she may not use the publisher's version (the final PDF), which is posted on SpringerLink and other Springer websites, for the purpose of self-archiving or deposit. Furthermore, Author may only post his/her version provided acknowledgement is given to the original source of publication and a link is inserted to the published Contribution on Springer's website. The link must be provided by inserting the DOI number of the Contribution in the following sentence: "The final publication is available at Springer via [http://dx.doi.org/\[insert DOI\]](http://dx.doi.org/[insert DOI])".

Author retains the right to use his/her Contribution for his/her further scientific career by including the final published paper in his/her dissertation or doctoral thesis provided acknowledgement is given to the original source of publication. The Author also retains the right to use, without having to pay a fee, parts of the Contribution (e.g., illustrations) for inclusion in future work, and to publish a substantially revised version (at least 30% new content) elsewhere, provided that the original Springer Contribution is properly cited.

An employer who originally owned copyright retains the right to distribute definitive copies of its author-employee's work within its organization. Posting these works is limited to noncommercial access and personal use within the employer's organization, and must include any copyright notice embedded within the full text file of the definitive version and in any accompanying citation display as well.

## § 3 Warranties

Author warrants that the Contribution is original except for such excerpts from copyrighted works (including illustrations, tables, animations and text quotations) as may be included with the permission of the copyright holder thereof, in which case(s) Author is required to obtain written permission to the extent necessary and to indicate the precise sources of the excerpts in the manuscript. Author is also requested to store the signed permission forms and to make them available to Springer if required.

Author warrants that Author is entitled to grant the rights in accordance with Clause 1 "Rights Granted", that Author has not assigned such rights to third parties, that the Contribution has not heretofore been published in whole or in part, that the Contribution contains no libelous statements and does not infringe on any copyright, trademark, patent, statutory right or proprietary right of others, including rights obtained through licenses; Author releases and discharges Springer and IFIP from any costs, expenses, damages or other liability for which Springer or IFIP may become liable as a result of any breach of this warranty.

## § 4 Delivery of the Contribution and Publication

Author agrees to deliver a manuscript of the Contribution to the responsible Editor on a date to be agreed upon created according to guidelines provided by Springer upon signature. Springer will undertake the publication and distribution of the Contribution and Work in print and electronic form at its own expense and risk. After submission of the Consent to Publish signed by the corresponding author, changes of authorship or in the order of the authors listed will not be accepted by Springer.

## § 5 Author's Discount

Author is entitled to purchase for his/her personal use (if ordered directly from Springer) the Work or other books published by Springer at a discount of 33 1/3% off the list price for as long as there is a contractual arrangement between Author and Springer and subject to applicable book price regulation. Resale of such copies or of free copies is not permitted.

### § 6 Governing Law and Jurisdiction

This agreement shall be governed by, and shall be construed in accordance with, the laws of Switzerland. The courts of Zug, Switzerland shall have the exclusive jurisdiction.

Corresponding Author signs for and accepts responsibility for releasing this material on behalf of any and all Co-authors.

Signature of Corresponding Author:



Date:

06/19/2017

- I'm an employee of the US Government and transfer the rights to the extent transferable (Title 17 §105 U.S.C. applies)
- I'm an employee of the Crown and copyright on the Contribution belongs to Her Majesty
- I'm an employee of the EU/Euratom working under Staff Regulations 31/EEC 11/EAEC and copyright on the Contribution belongs to the European Union/European Atomic Energy Community

In case of a conflict between this Agreement and your copyright situation, please contact your volume editor.



