

2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering

UKRCON-2019

CONFERENCE PROCEEDINGS



Lviv City
Council



Lviv, Ukraine
July 2 – 6, 2019



Part Number: CFP19K03-ART
ISBN: 978-1-7281-3882-4

Copyright and Reprint Permission: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923. For reprint or republication permission, email to IEEE Copyrights Manager at pubs-permissions@ieee.org. All rights reserved. Copyright ©2019 by IEEE.