2017 IEEE International Conference on Industrial Technology (ICIT 2017)

Toronto, Ontario, Canada
22-25 March 2017

Pages 1-790

IEEE Catalog Number: CFP17CIT-POD
ISBN: 978-1-5090-5321-6

IEEE Catalog Number:	CFP17CIT-POD
ISBN (Print-On-Demand):	978-1-5090-5321-6
ISBN (Online):	978-1-5090-5320-9

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

POWER ELECTRONICS AND ENERGY CONVERSION

ELECTRICAL MACHINES AND DRIVES

RENEWABLE ENERGY SYSTEMS

ENERGY STORAGE

TRANSPORTATION ELECTRIFICATION AND VEHICLE SYSTEMS

POWER SYSTEMS AND THE SMART GRID

MOTION CONTROL, AND MECHATRONICS

CONTROL SYSTEM, ROBOTICS AND AUTOMATION

SENSORS, ACTUATORS, SYSTEM INTEGRATION AND NANO-TECHNOLOGIES

ELECTRONIC SYSTEM ON CHIP AND REAL TIME EMBEDDED CONTROL

SIGNAL AND IMAGE PROCESSING AND COMPUTATIONAL INTELLIGENCE

INDUSTRIAL AUTOMATION, COMMUNICATION AND INFORMATICS

CLOUD COMPUTING, DATA ANALYTICS, AND SOFTWARE ENGINEERING

INDUSTRIAL WIRELESS NETWORKING

INTERNET-OF-THINGS TECHNOLOGY FOR INDUSTRIAL APPLICATIONS

HUMAN FACTORS AND SYSTEM DESIGN IN FACTORY AUTOMATION

ADVANCED POWER ELECTRONICS FOR POWER QUALITY IN DISTRIBUTED SYSTEMS

DEPENDABLE WIRELESS COMMUNICATION FOR INDUSTRIAL INTERNET OF THINGS

IMPEDANCE-SOURCE CONVERTERS FOR RENEWABLE ENERGY CONVERSION SYSTEMS

WIRELESS POWER TRANSFER FOR INDUSTRIAL ELECTRONICS

INNOVATION AND COMMERCIALISATION IN INDUSTRIAL ELECTRONICS

ENERGY EFFICIENT CONTROL OF CONVERTERS AND AC DRIVES