

RSEB-18

**BOOK OF
ABSTRACTS**

CONFERENCE PROCEEDINGS

INTERNATIONAL CONFERENCE ON RESEARCH IN SOCIAL
SCIENCE, ECONOMICS AND BUSINESS SUSTAINABILITY

August 25-26, 2018

Mercure London Hyde Park Hotel

RSEB - 2018

Organized by:



Research Forum for

Social Science Innovation

TABLE OF CONTENTS

Review Board	5
Organizing Committee	6
An Identification Method of Squareness Errors Based on Volumetric Error Model in Machine Tools	12
A Study on Ransomware Cryptographic Key Recovery Method through Analysis of Existing Recovery Cases	13
A Study on Ransomware Cryptographic Key Recovery Method through Analysis of Existing Recovery Cases	14
Changes in Output Volatility in International Historical Perspective	15
Leadership's Relationship in the Banking Sector According to Leader-Member Exchanges (LMX) Theory and Employees' Experience	16
Challenges of Trade Services by Banks: Bangladesh Perspective	17

Chair's Welcome

Research Forum for Social Science Innovation as platform that aims to help the scholarly community across nations to explore the critical role of multidisciplinary innovations for sustainability and growth of human societies. This conference provides a good opportunity for the academicians, practitioners, scientists, and scholars from across various disciplines to discuss avenues for interdisciplinary innovations and identify effective ways to address the challenges faced by our societies globally. The research ideas and studies that we received for this conference are very promising, unique, and impactful. I believe these studies have the potential to address key challenges in various sub-domains of social sciences and applied sciences.

I am really thankful to our honourable scientific review committee for spending much of their time in reviewing the papers for this event. I am also thankful to all the participants for being here with us to create an environment of knowledge sharing and learning. We the scholars of this world belong to the elite educated class of this society and we owe a lot to return back to this society. Lets break all the discriminating barriers and get free from all minor affiliations. Lets contribute even a little or single step for betterment of society and welfare of humanity to bring prosperity, peace and harmony in this world. Stay blessed. Thank you.

Dr. Vanessa Airth

Conference Chair Person

Review Board

Arpad Abraham	Department of Economics, Faculty of Economics and Business Studies, University of Rochester, New York
Michele Belot	School of Economics, University of Edinburgh, Scotland
Juan J. Dolado	Department of Economics, Universidad Carlos III de Madrid, Spain
Andrea Galeotti	Department of Economics, University of Essex, England
Piero Gottardi	Department of Economics, University of Venice, Italy
Andrea Ichino	Department of Economics, University of Bologna, Italy
Dermot McCann	Head of Politics and International Relations, London Metropolitan University
Dr Tony Novak	Senior Lecturer in Social Work, London Metropolitan University
Trushar Adataia	School of Human Sciences, London Metropolitan University
Axelle Ferriere	Department of Economics, Stern School of Business, New-York University USA
Dr. Des Raj Bajwa	Department of Commerce & Management, Govt. Post Graduate College Ambala Cantt, Director General Higher Education, Kurukshetra University, India

Organizing Committee

Dr. Vanessa Airth	Conference Chair Person
Dr. Farid Aitsiselmi	Conference Coordinator
Dr. Mischa Allen	Conference Coordinator
Dr. Marcus Astley	Conference Coordinator

CONFERENCE VENUE



Mercure London Hyde Park Hotel

Address: Poyle Rd, Slough SL3 0FF, UK



CONFERENCE SCHEDULE

DAY 01 Saturday (August 25, 2018)

Venue: Room 1

09:00 am - 09:10 am

Registration & Kit Distribution

09:10 am - 09:20 am

Introduction of Participants

09:20 am - 09:30 am

Inauguration and Opening Address

09:30 am - 10:00 am

Grand Networking Session & Tea/Coffee Break

PRESENTATIONS DETAIL

DAY 01 Saturday (August 25, 2018)

Session 1 (10:00 am - 01:00 pm)

Venue: Room 1

Track: Engineering & Technology, Computer, Basics & Applied Sciences

Zhong Xuemin & Liu Hongqi	An Identification Method of Squareness Errors Based on Volumetric Error Model in Machine Tools	EACN-AUG-101
Daeun Kim	A Study on Ransomware Cryptographic Key Recovery Method through Analysis of Existing Recovery Cases	EACN-AUG-118

Track: Business Management & Social Sciences

Bruno Coric	Changes in Output Volatility in International Historical Perspective	RSEB-AUG-104
Beskida Dorda	Leadership's Relationship in the Banking Sector According to Leader-Member Exchanges (LMX) Theory and Employees' Experience	RSEB-AUG-121
Shah Md Ahsan Habib	Challenges of Trade Services by Banks: Bangladesh Perspective	RSEB-AUG-139

Lunch Break (01:00 pm - 02:00 pm)

Closing Ceremony

ATTENDEES DETAIL

Liu Hongqi	National NC System Engineering Research Center, Huazhong University of Science and Technology, Wuhan 430074, PR China
Anca Szalavicz	ASA, Architectural Designs, South Africa
Abbas Ahmed Alyami	Saudi Cultural Bureau London, UK



2nd Day (August 26, 2018)

**All respective guests are free to conduct their own sightseeing and tour.
The second day of the event is reserved for this memorable purpose.**



An Identification Method of Squareness Errors Based on Volumetric Error Model in Machine Tools

Xuemin Zhong^{1*}, Hongqi Liu², Hao Chang³, Bin Li⁴

^{1,2,3,4}National NC System Engineering Research Center, Huazhong University of Science and Technology, Wuhan 430074, PR China

⁴State Key Laboratory of Digital Manufacturing Equipment and Technology, Huazhong University of Science and Technology, Wuhan 430074, PR China

zhongxuemin@hust.edu.cn

ABSTRACT

The geometric error is one of the most important factors affecting the machining accuracy in the machine tool. The geometric errors of the machine tool include the position dependent geometric errors (PDGEs) and the position independent geometric errors (PIGEs), and the squareness errors are important PIGEs influencing the volumetric error largely. The measurement of the squareness errors are usually with low accuracy or low efficiency. New method to obtain the accurate value of squareness errors to improve the volumetric accuracy is in demand. This paper proposes a new method to identify the squareness errors of machine tools considering the volumetric accuracy based on the volumetric error model. The volumetric error model based on screw theory is proposed and then the identification method for the squareness errors is deduced in theory considering a 3-axis horizontal machine tool. Experiments have verified that the 3 identified squareness errors are in accordance with the measured squareness within the accuracy range. The identification method also reduces time for measuring the squareness errors. Moreover, compared with the traditional measurement of squareness errors, the identification method shows more effective in the volumetric error evaluation process.

KEYWORDS

Volumetric Error Model; Squareness Error; Error Identification; Laser Interferometer.

A Study on Ransomware Cryptographic Key Recovery Method through Analysis of Existing Recovery Cases

Daeun Kim

Researcher, KISA (Korea Internet & Security Agency), South Korea

morenifunmi@yahoo.com

ABSTRACT

Every year new Ransomwares are appearing, such as Wannacry and Jaff, and the damage scale is increasing. Prevention such as data backup is important to defend Ransomware. So, AV companies and government agencies are more focused on prevention in advance. But research is needed into recovering ransomware infected file for the existing Ransomware victims and future victims. This paper analyzes the case of Ransomware being previously restored. We analyzed what technologies recovered Ransomware and refined them. By reviewing the existing recovery technologies, we will examine whether it can be applied to other Ransomware that has not been recovered so far. Finally, We summarize the processes of the currently recovered ransomware, We suggest a way to check the recoverability of the new Ransomware analysis.

KEYWORDS

Ransomware Cryptographic, Key Recovery, Recovery Cases.

A Study on Ransomware Cryptographic Key Recovery Method through Analysis of Existing Recovery Cases

Daeun Kim

Researcher ,KISA(Korea Internet & Security Agency), South Korea

whale53@kisa.or.kr

ABSTRACT

Every year new Ransomwares are appearing, such as Wannacry and Jaff, and the damage scale is increasing. Prevention such as data backup is important to defend Ransomware. So, AV companies and government agencies are more focused on prevention in advance. But research is needed into recovering ransomware infected file for the existing Ransomware victims and future victims. This paper analyzes the case of Ransomware being previously restored. We analyzed what technologies recovered Ransomware and refined them. By reviewing the existing recovery technologies, we will examine whether it can be applied to other Ransomware that has not been recovered so far. Finally, We summarize the processes of the currently recovered ransomware, We suggest a way to check the recoverability of the new Ransomware analysis.

KEYWORDS

Ransomware, Cryptographic, Recovery Cases.

Changes in Output Volatility in International Historical Perspective

Bruno Coric

Faculty of Economics, Business and Tourism University of Split, Croatia

bcoric@efst.hr

ABSTRACT

The paper investigates the historical variations in output volatility in 38 OECD and non OECD countries over the last two centuries. The tests for discrete changes in volatility reveal significant breaks in output volatility in 37 out of 38 countries. The number of breaks and the years in which the breaks are detected differ across countries. The panel analysis employed to investigate these changes shows that the main portion of the variations in output volatility over the last two centuries can be related to economic disasters. The results also suggest the important effect of economic policy on output volatility.

KEYWORDS

Output Volatility; Structural Changes; Monetary Policy; Economic Disasters.

Leadership's Relationship in the Banking Sector According to Leader-Member Exchanges (LMX) Theory and Employees' Experience

Beskida Dorda

Ph.D. Candidate, University of New York Tirana, Tirana, Albania

beskida.tt@gmail.com

ABSTRACT

Leadership is one of the main elements that affects job satisfaction in every organization. The level of job satisfaction perceived by employees, in many cases depends on the human relationships among people that held different job positions. The paper investigates on how banking employees evaluate the level of leader-member exchange of their organization. It explores how this relationship is considered according to them. This paper aims to study the level of leader-member exchange through LMX theory in banking sector related to the experience of their employees. Information is gathered through questionnaires, which are distributed to several banks. These banks operate in the capital of Albania, Tirana. The papers results show that banks have moderate leadership style according LMX theory. It reveals also that results of LMX theory are affected from the period of time employees have dedicated to the company. Employees that had different periods of time working in the current job resulted with different considerations about the relationship leader-follower.

KEYWORDS

Banking Sector, Job Satisfaction, Leader-Member Exchanges (LMX), Organization Performance.

Challenges of Trade Services by Banks: Bangladesh Perspective

Shah Md Ahsan Habib

Bangladesh Institute of Bank Management, Bangladesh

ahsan@bibm.org.bd

ABSTRACT

The paper attempts to examine the challenges of trade services by banks with special reference to Bangladesh. Trade facilitation by banks in Bangladesh is particularly crucial when involvement of banks is significant in the countrys trade facilitation. The paper concludes that trade based money laundering and compliance risks are required to be addressed for effective trade services in the country.

KEYWORDS

Documentary Credit, Open Account, Trade Based Money Laundering.

UPCOMING EVENTS

<http://forum-rssi.com/csmh-sep-2018/>

<http://forum-rssi.com/itbm-sep-2018/>

<http://forum-rssi.com/ries-oct-2018/>

<http://forum-rssi.com/bmis-oct-2018/>

<http://forum-east.com/itde-september-2018-event/>

<http://forum-rssi.com/cets-nov-2018/>

<http://forum-rssi.com/qesm-dec-2018/>

