

Nina-Birte Schirmmacher

Postdoctoral Research Fellow in Information Systems & Analytics
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EDUCATION

ESSEC Business School, France and Singapore

Ph.D., Management of Information Systems

June 2021

Dissertation Topic: “Going Cashless: Three Essays on Digital Payments”

Committee Members: Jan Ondrus (Supervisor), Jonas Hedman (Referee), Barney Tan (Referee), Jan Lepoutre (Examiner), Julien Malaurent (Examiner), Felix Tan (Examiner)

ESSEC Business School, France

M.Sc., Business Administration Research

2018

M.Sc., Management, Grande Ecole (Double Degree)

2016

University of Mannheim, Germany

M.Sc., Management (Double Degree)

2016

Ruhr University Bochum, Germany

B.A., Management and Media Studies

2013

ACADEMIC APPOINTMENTS

National University of Singapore, Singapore

August 2021 to present

Postdoctoral Research Fellow in Information Systems & Analytics

ESSEC Business School, Singapore

2020 to 2021

Associate Lecturer

PEER-REVIEWED CONFERENCE PRESENTATIONS

Schirmmacher, N.-B., Jensen, J., & Avital, M. “Token-Centric Work Practices in Fluid Organizations: The Cases of Yearn and MakerDAO”, *Conditionally accepted at International Conference on Information Systems 2021*, Austin, Texas

Schirmmacher, N.-B., Ondrus, J., Tan, F., Loh, Y., & Hardoon, D. R. (2019). “Overcoming Status Quo Bias: Nudging in a Government-Led Digital Transformation Initiative”, *Proceedings of the 40th International Conference on Information Systems*, Munich, Germany.

Schirmmacher, N.-B., Ondrus, J., & Tan, F. (2018). “Towards a Response to Ransomware: Examining Digital Capabilities of the WannaCry Attack”, *Proceedings of the 22nd Pacific Asia Conference on Information Systems*, Yokohama, Japan.

Schirmmacher, N.-B., Ondrus, J., & Kude, T. (2017). “Launch Strategies of Digital Platforms: Platforms with Switching and Non-switching Users”, *Proceedings of the 25th European Conference on Information Systems*, Guimarães, Portugal.

WORK UNDER REVIEW

Schirmmayer, N.-B., Ondrus, J., Tan, F., & Loh, Y. “Tackling Unintended Consequences of Transformative Innovation Policy: A Study of Singapore’s Move to a Cashless Society” – *Under review at Journal of the Association for Information Systems*

WORKING PAPERS AND WORK IN PROGRESS

Schirmmayer, N.-B., Ondrus, J., Tan, F., & Loh, Y. “At the Last Frontier of a Cashless Society: A Critical Study of the Age-Related Digital Divide” – *Preparing for submission to Journal of Information Technology*

Schirmmayer, N.-B., Ondrus, J., & Tan, F. “Disentangling the Resilience of a Malicious Digital Infrastructure: The Case of Avalanche” – *Reject & Resubmit to MIS Quarterly, preparing for resubmission at MIS Quarterly*

Schirmmayer, N.-B., & Ondrus, J. “Multiple Path Constitution in a Digital Transformation: Cashless Payments in Singapore 1980-2020” – *Write-up. Target: Journal of Management Information Systems*

Schirmmayer, N.-B., Ondrus, J., & Tan, F. “Project Ubin – A Case Study on Governing Distributed Ledger Technology for Cross-Border Payments” – *Data collection*

Schirmmayer, N.-B. “Ego-system or Eco-system? A Case Study of Polycentric Digital Ecosystem Governance” – *Conceptualization*

Avital, M.*, Jensen, J.*, Ross, O.*, & **Schirmmayer, N.-B.*** [Institutional Entrepreneurship on Decentralized Finance Platforms] – *Conceptualization* [*Order of authorship yet to be defined]

Lim, S.Y., Tan, C.H., & **Schirmmayer, N.-B.*** [fsQCA of the use of Financial Technologies by Microentrepreneurs] – *Data collection* [*Order of authorship yet to be defined]

PRESENTATIONS AND TALKS

2020, ESSEC, MOS Doctoral Students Edition (virtual)

“*At the Last Frontier of a Cashless Society: A Critical Study of the Age-Related Digital Divide*”

2020, People’s Association, Ministry of Culture, Community and Youth, Singapore

“*Enhancing Financial Inclusion in A Smart Nation*”

2020, Nanyang Technological University, Singapore

“*The Need for Alternative Qualitative Research Genres to Investigate Cybercrimes: The Case of Avalanche as a French Nouveau Roman*”

2019, Pre-ICIS Workshop on e-Government, Munich, Germany

“*Closing the Digital Divide in a Smart Nation: A Mixed Methods Study on a National E-Payment Program*”

2019, TUMtalk, TU Munich, Germany

“*E-Payments in Singaporean Hawker Centers: A Mixed Methods Study*”

2018, Pre-ICIS French Chapter of AIS, San Francisco, California

“*The Role of Organization and IT for Digital Ecosystem Resilience: The Case of Avalanche*”

2017, WG8.2 Organization and Society in Information Systems (OASIS), Seoul, South Korea

“*The Curation-Growth-Dilemma: How Do Digital Platforms Ensure Ignition While Maintaining Quality?*”

2018-2020, Student Research Seminar, ESSEC Business School

SCHOLARSHIPS AND GRANTS

International Conference on Information Systems, Doctoral Consortium, Fellow	2020
Annual Meeting of the Academy of Management, OCIS Division, Doctoral Consortium, Fellow	2020
Research Project Grant, ESSEC Business School	2019
Mixed Methods Workshop, University of Michigan	2018
Ph.D. Scholarship, ESSEC Business School	2016 – 2020
M.Sc. Scholarship, Franco-German University	2015 – 2016

TEACHING

ESSEC Business School, Singapore

- E-Business, Global BBA, course design and classroom instructor; hybrid Spring 2021
- Group A, 62 students, evaluation: 4.7/5 (63% response rate)
 - Group B, 66 students, evaluation: 4.82/5 (59% response rate)
- E-Business, Global BBA, course design and classroom instructor; in person, hybrid & online Spring 2020
- Group A, 75 students, evaluation: 4.43/5 (76% response rate)
 - Group B, 75 students, evaluation: 4.54/5 (68% response rate)

SUPERVISION

Margaux Laforge, M.Sc. Entrepreneurship, ESSEC & CentraleSupélec 2017

PROFESSIONAL SERVICES AND MEMBERSHIPS

Association for Information Systems, since 2016

Academy of Management, OCIS Division, since 2020

Ad-hoc reviewer for *Information Systems Journal*, *Journal of Information Technology, Information & Management*, *Electronic Commerce Research and Applications*, *International Journal of Human-Computer Interaction*, *Information Systems Frontiers*, *International Conference on Information Systems*, *International Conference on Wirtschaftsinformatik*, *Pacific Asia Conference on Information Systems*, *European Conference on Information Systems*, *Australasian Conference on Information Systems*, *International Conference on Software Business*

PRACTITIONER EXPERIENCE

Faiveley Transport, Junior Headquarter Controller, Gennevilliers, France 2013 – 2014

SKILLS

Working knowledge of R, Stata, SPSS, NVivo, MAXQDA

Languages: German (native), English (fluent), French (fluent), Italian (basic), Mandarin (basic)

PERSONAL

Citizenship: German

REFERENCES

Dr. Jan Ondrus (dissertation supervisor),
Associate Professor of Information Systems and
Associate Dean of Faculty
ESSEC Asia-Pacific, Singapore
ondrus@essec.edu

Dr. Felix Tan (co-author),
Senior Lecturer of Information Systems
UNSW Business School, Sydney, Australia
f.tan@unsw.edu.au

Dr. Shi Ying Lim (principal investigator),
Assistant Professor of Information Systems and
Analytics
National University of Singapore, Singapore
sylim@nus.edu.sg

September 2021