



Mobile Money Interoperability Workshop

Toulouse – December 15 & 16, 2022

CONFERENCE VENUE

1 Esplanade de l'université
31 000 Toulouse
France
Auditorium 3 – Jean-Jacques Laffont (Ground floor)

ORGANIZING COMMITTEE

Milo Bianchi (Toulouse School of Economics)
Matthieu Bouvard (Toulouse School of Economics)

CONTACT

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Toulouse
School of
Economics

PROGRAM – Thursday, December 15

From 12:15 pm **Lunch**

From 1:30 pm **Registration**

1:45 pm – 2:00 pm **Introductory words**
Milo BIANCHI (TSE)
Matthieu BOUVARD (TSE)
Seth GARZ (Bill & Melinda Gates Foundation)

2:00 pm – 3:30 pm **Session 1** Chair: **Matthieu BOUVARD** (TSE)
Carola MULLER (CEMLA), Raúl MORALES RESENDIZ (BIS),
Anahí RODRIGUEZ MARTINEZ (CEMLA)
“An Interchange Model for Fintech Payments in Emerging Economy”
José AURAZO IGLESIAS (Central Reserve Bank of Peru)
“Interchange Fees, Access Pricing, and Sub-acquirers in Payment Cards”

3:30 pm – 4:00 pm **Break**

4:00 pm – 5:30 pm **Session 2** Chair: **Sabrine BAIR** (TSE)
Lukasz GRZYBOWSKI (Telecom Paris), Valentin LINDLACHER
(University of Munich), Onkokame MOTHABI (University of Botswana)
“Interoperability between Mobile Money Agents and Choice of Network Operators: the Case of Tanzania ”
Marc IVALDI (TSE)
“Cost Sharing in Infrastructures, Prices and Welfare”

5:30 pm – 6:00 pm **Visit of the TSE Building & Cocktail** (by invitation)

7:30 pm **Dinner** (by invitation)

PROGRAM – Friday, December 16

9:00 am – 10:30 am Session 3 Chair: **Emmanuelle AURIOL** (TSE)

El Mehdi FERROUHI (University of Ibn Tofail),
Mounia SLIMAN (University of Ibn Tofail), Omar KHARBOUCH
(University of Ibn Tofail)
*“Digital Payment and Financial Inclusion: the Case of Mobile
Payment and Mobile Wallet in Morocco”*

Brett GREEN (WUSTL), **Renping LI** (WUSTL), David SRAER
(University of Berkeley) «»
“Estimating the Welfare Benefits of Lockout ”

10:30 am – 11:00 am Break

11:00 am – 12:30 pm Session 4 Chair: **Hakan OZYILMAZ** (TSE)

Mamadou SALIOU BARRY (University of Paris Dauphine),
Anna CRETI (University of Paris Dauphine)
*“Does Financial Inclusion Facilitate Solar Panels’ Adoption?
Evidence from Tanzania”*

Francis ANNAN (University of Berkeley),
Edem KLOBODU (UNC-Chapel Hill)
*“ Does Platform Interoperability Reduce Disparities in Digital
Finance? Micro Evidence from Mobile Money”*

12:30 pm – 2:00 pm Lunch & Adjourn

SPEAKERS

José AURAZO IGLESIAS, Central Reserve Bank of Peru



Master in Economics of Markets and Organizations from the Toulouse School of Economics and Master in Economics from the Universidad del Pacifico (Lima, Peru). He currently works as Lead Supervisor in Financial Infrastructures Analysis at the Central Reserve Bank of Peru. He has more than seven years of experience in the field of retail payments. His research interests cover two-sided markets, CBDC, financial inclusion, digital payments and industrial organization.

Mr. Aurazo was a research assistant of Farid GASMI at TSE. He also completed a research paper under the supervision of Jean-Charles ROCHET and supported by SECO. He has published papers in peer-reviewed journals, and also has training courses organized by CEMLA, European Central Bank, Banco de la Republica, among others.

Anna CRETJ, Université Paris-Dauphine



Anna Creti is Full Professor at Université Paris Dauphine, Paris; Director of the Climate Economics Chair (Un. Dauphine) and the Economics of Gas Chair (U Dauphine, Toulouse School of Economics, IFPEN, Ecole des Mines). She is Research Fellow, Ecole Polytechnique, Paris and external Affiliate, Siebel Institute, Berkeley. Anna holds a PhD from the Toulouse School of Economics and a post-doc from the London School of Economics.

She has extensively studied competition and regulation of network utilities (telecommunications, baks, gas, electricity...), as well as the link between energy, climate and environmental regulation. Co-editor of the journal Energy Economics, Anna has numerous publications in top economic reviews, and she also intervenes in several medias.

El Mehdi FERROUHI Ibn Tofail University



El Mehdi Ferrouhi is Associate Professor of Finance at the Faculty of Economics and Management, Ibn Tofail University, Morocco.

He holds a PhD from Mohammed 5 University in Rabat, Morocco. He received the second prize for research of the Moroccan Capital Markets Authority in 2022.

His research interest include financial inclusion, behavioral finance and financial intermediation.

SPEAKERS

Lukasz GRZYBOWSKI

Telecom Paris and University of Cape Town



Lukasz Grzybowski is Associate Professor in Economics of Data and Digital Platforms at Télécom Paris, Institut Polytechnique de Paris. He obtained his PhD degree in Economics from University of Munich in 2005 and Habilitation à Diriger des Recherches from Paris-Sorbonne University in 2015. His research focuses on economic and public policy issues in the network and information industries, especially telecommunications and Internet markets. He has published articles in international journals including Journal of Industrial Economics, Journal of International Economics, International Journal of Industrial Organization, Economic Inquiry, Journal of Regulatory Economics, Information Economics and Policy, Review of Industrial Organization, Telecommunications Policy and others. He is Editor-in-chief of Review of Network Economics.

Klobodu Edem

UT San Antonio



Edem Klobodu is interested in the role and nature of marketing to the underprivileged.

He studies mobile money loans: their impact, design and rollout with low-income populations, which historically lacked access to formal finance. Mobile money is an innovation that aids the underprivileged to participate in the formal financial sector by giving access to insurance, loans, savings and other financial products. His past research focused on development topics such as income inequality and urbanization.

He teaches courses in international marketing.

Dr. Klobodu received his PhD in marketing from the University of Texas at San Antonio, his master's degree in finance from the Ghana Institute of Management and Public Administration, and his BS in statistics and computer science from the University of Ghana.

Marc Ivaldi

Toulouse School of Economics



Marc Ivaldi has served as Scientific Director of the Division of Social Sciences and Humanities at the French Ministry of Higher Education and Research.

He is specialized in Applied Industrial Organization, and he has mainly studied network and transport service industries (rail, air, energy, telecommunications, banking, information technologies). He is one of the European experts on empirical methods for competition and regulation policy. He has published many articles in prominent academic journals. He holds a PhD in Economics from the University of Pennsylvania.

SPEAKERS

Renping Li
Imperial College London



Renping Li is a PhD candidate in Finance at Olin Business School, Washington University in St. Louis. He received his BA in Economics and BS in Applied Mathematics from Peking University in 2018. His research interest is in financial intermediation, corporate governance, corporate finance, and empirical methods. His current research is on the empirical examinations of financial and labor contracts.

Carola Muller
CEMLA



Carola Müller is a senior economist at the Directorate of Financial Stability at CEMLA. Her research interests include financial stability, financial intermediation, banking regulation and competition. In her work, Carola has collaborated with researchers from Deutsche Bundesbank, the European Central Bank, and Norges Bank. Carola holds a PhD in Economics from Halle Institute for Economic Research (IWH), Germany.