

The Europe
**CASH CYCLE
SEMINAR**

MONDAY, FEBRUARY 15, 2016

8:30 am - 12:00 pm Tour of the Banco de Portugal Facilities (**Carregado**)

2:00 pm - 5:00 pm Central Bank Summit
(**Closed Door**)

4:00pm – 6:00pm Check-in and Distribution of Delegate Materials

Welcome Reception in the Sponsor Exhibit Area

SPONSORED BY

5:00 pm - 7:00 pm



TUESDAY, FEBRUARY 16, 2016

8:15 am - 7:00 pm Sponsor Exhibit Viewing; Coffee and tea served at 8:15 am

9:00 am - 9:15 am **Opening Remarks**, by Nena Vukicevic, Currency Research

9:15 am - 9:30 am **Welcome Remarks**, by João José Amaral Tomaz, Banco de Portugal

SESSION I: THE FUTURE OF CASH CYCLE MODELS
COORDINATED BY DAVID MILNER, SPINNAKER INTERNATIONAL LTD

9:30 am - 9:50 am **The Portuguese Cash Cycle - Recent Developments and Future Trends/Challenges**,
by António Garcia, Banco de Portugal

9:50 am - 10:10 am **Strategy on the Cash Center Outlook**, by Alain Gerbier, Banque de France

10:10 am - 10:30 am **Raise Your Expectations - The Connected Cash Center**, by Oliver Pannke, Giesecke &
Devrient

10:30 am - 10:45 am Questions & Answers
**Submit your questions at www.slido.com using the
event code: #CR1**

10:45 am - 11:45 am Delegate Photograph (promptly at 10:45am in the foyer area) followed by light snack and
coffee/tea in Sponsor Exhibit Area

TUESDAY, FEBRUARY 16, 2016 (CONTINUED)

SPONSOR BREAKOUT MEETINGS I
(SALA VI, SALA VII, SALA XII)

Does One Solution Really Fit All?

by De La Rue
Sala VI

(CLOSED TO COMPETITORS)

11:45 am - 12:35 pm

ATM Cost Optimization - How It Really Works, by Sautner & Partner
Sala VII

(CLOSED TO COMPETITORS)

Cash Management Software: Partnership Makes the Difference,

by Giesecke & Devrient
Sala XII

Lunch served in the Sponsor Exhibit Area

12:35 pm - 2:05 pm

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SPONSOR BREAKOUT MEETINGS II
(SALA VI, SALA VII, SALA XII)

New Generation of Level 1 Security Feature Holograms for Banknote Protection, by
Optaglio
Sala VI

2:05 pm - 2:55 pm

Managing Cash at 360°, by NCR
Sala VII

(CLOSED TO COMPETITORS)

The Path to One-Touch-Handling of Cash: Smart Automation and Standardization,

by Giesecke & Devrient
Sala XII

2:55 pm - 3:25 pm

Light snack and coffee/tea in Sponsor Exhibit Area

SESSION II: CASH MANAGEMENT, DEMAND AND COSTS
COORDINATED BY SHAY NESS, DE LA RUE

3:25 pm - 3:45 pm

The Impact of Low Denomination Banknotes and Coins in Monetary Circulation in Mozambique, by Benedita Guimino, Banco de Moçambique

3:45 pm - 4:05 pm

Cash Demand Forecasting and Cost Optimization in Croatia, by Ranko Antolovic,
ZABA Bank Croatia

TUESDAY, FEBRUARY 16, 2016 (CONTINUED)

4:05 pm - 4:25 pm **The Present Situation and Medium Term Outlook of the Cash Cycle Model in Poland**, by Joanna Kolodziej and Arkadiusz Manikowski, National Bank of Poland (Narodowy Bank Polski)

4:25 pm - 4:45 pm **Cash Management Strategy & Services**, by José Azevedo, SIBS, Portugal

Questions & Answers

4:45 pm - 5:00 pm Submit your questions at www.slido.com using the event code: #CR1

Networking Cocktail Reception in Sponsor Exhibit Area

5:00 pm - 7:00 pm Sponsored by

 Giesecke & Devrient

WEDNESDAY, FEBRUARY 17, 2016

8:15 am - 3:25 pm Sponsor Exhibit Viewing; Coffee and tea served at 8:15 am

SESSION III: PANEL SESSION: CASH RECIRCULATION AND GENERAL VARIABLES IN A NO MODEL FITS ALL PERSPECTIVE

MODERATED BY : LEONOR MACHADO- CAIXA GERAL DE DEPÓSITOS / EUROPEAN PAYMENTS COUNCIL

9:00 am - 10:05 am **PANELISTS:**
David Hensley, Cash Services UK
Erwin Wetzel, European Vending Association (EVA)
Maria de Glória Morão Lopes, ESEGUR
Meritxell Serra Sanz, Grupo Santander

Questions & Answers

10:05 am - 10:20 am Submit your questions at www.slido.com using the event code: #CR1

SPONSOR BREAKOUT MEETINGS III (SALA VI, SALA VII, SALA XII)

Increase Productivity, Stay Flexible and Maintain Control: De La Rue's New ECM ISA7 Software Platform, by De La Rue
Sala VI

(CLOSED TO COMPETITORS)

10:20 am - 11:10 am **With the Increased Take up of New Substrates for Banknotes Globally, How Can Countries Optimise the Security and Quality of Their Notes in Circulation?**, by Innovia Systems
Sala VII

Retail Cash Precrediting - CIT and Banking Perspectives,
by Spinnaker International Ltd
Sala XII

WEDNESDAY, FEBRUARY 17, 2016 (CONTINUED)

11:10 am - 11:30 am Light snack and coffee/tea in Sponsor Exhibit Area

SESSION IV: BRANCH AND RETAIL CASH
COORDINATED BY BARNABAS FERENCZI, GIESECKE & DEVRIENT

11:30 am - 11:50 am **The Role of CIT Companies in the Innovation & Optimization of the Cash Cycle**, by Maria da Glória Morão Lopes, ESEGUR

11:50 am - 12:10 pm **Cash in the Retail Industry**, by Conceição Carrapeta, Grupo Jerónimo Martins

12:10 pm - 12:30 pm **Bank Transformation - What to Do with the Cash Services in the Bank**, by Bradley Fischer, Prosegur

12:30 pm - 12:45 pm Questions & Answers
Submit your questions at www.slido.com using the event code: #CR1

Lunch served in the Sponsor Exhibit Area

Sponsored by

12:45 pm - 2:10 pm



SPONSOR BREAKOUT MEETINGS IV (SALA VI, SALA VII, SALA XII)

The Road to a Sustainable Cash Cycle, by Wincor Nixdorf
Sala VI

(CLOSED TO COMPETITORS)

2:10 pm - 3:00 pm **As Countries Introduce Clean Note Standards - How Can They Manage the Quality of Currency in Circulation to Meet National Targets?**, by Innovia Systems
Sala VII

Essentials of Cash Management: Maximizing Value from Cash Forecasting & CIT Scheduling Optimization,
by PlusOneMinusOne
Sala XII

(CLOSED TO COMPETITORS)

3:00 pm - 3:25 pm Light snack and coffee/tea in Sponsor Exhibit Area

SESSION V: THE FUTURE OF CASH & PAYMENTS COORDINATED BY JOHANNES SAUTNER, SAUTNER & PARTNER

3:25 pm - 3:45 pm **Counterfeits in the Cash Cycle: Threats, Solutions and the Role of Forensics**, by Martin Fürbach, University of Lausanne

3:45 pm - 4:05 pm **Independent ATM Deployer's Role in Cash Distribution: A Case Study of the Brazilian Market**, by Nelson Tavares de Pinho, TecBan

WEDNESDAY, FEBRUARY 17, 2016 (CONTINUED)

4:05 pm - 4:25 pm **Introduction of New Currency - Angolan Case Study**, by Antonio Cruz, Banco de Angola

Questions & Answers

4:25 pm - 4:40 pm
Submit your questions at www.slido.com using the event code: #CR1

4:40 pm - 5:00 pm **Live Industry Survey & Soft Close**, by Gonzalo Santamaria, Currency Research

Off-site Delegate Appreciation Dinner

Sponsored by

6:15 pm - 10:15 pm



ESEGUR

Alvará nº37 do M.A.I. | Alíneas A, B, C e D

THURSDAY, FEBRUARY 18, 2016

8:45 am - 9:00 am Coffee and tea served

POST-SEMINAR SYMPOSIUM:
SESSION I - THE SCIENCE OF BANKNOTES
COORDINATED BY FRANCISCO LOPEZ, INNOVIA SYSTEMS

9:00 am - 9:05am **Welcome Remarks** by Nena Vukicevic, Currency Research

9:05 am - 9:25 am **Why is Cash Still King? A Strategic Report on the Use of Cash by Criminal Groups as a Facilitator for Money Laundering**, by Jennifer MacLeod, Europol

9:25 am - 9:45 am **Sealgn@ture - Digital Approach to Banknote Authentication**, by Frederic Beauchet of Banque de France and Zbigniew Sagan, Advanced Track & Trace

9:45 am - 10:05 am **A Substrate View by a Forensic Expert from the Portuguese Judiciary Police: Polymer, Hybrid, and Paper**, by Manuel Mourato, Polícia Judiciária de Portugal

Questions & Answers

10:05 am - 10:20 am
Submit your questions at www.slido.com using the event code: #CR1

10:20 am - 10:35 am Light snack and coffee/tea in the Foyer

THURSDAY, FEBRUARY 18, 2016 (CONTINUED)

POST-SEMINAR SYMPOSIUM:
SESSION II - BALANCES IN CURRENCY DESIGN
COORDINATED BY GONZALO SANTAMARIA, CURRENCY RESEARCH

10:35 am - 10:55 am **Engineering Trust into the Banknote,**
by Zeina Abdo, Crane Currency

10:55 am - 11:15 am **Optimum Currency Security and Cost-Efficiency With the Right Denominational Mix,** by Paul Binning,
The Royal Mint

11:15 am - 11:35 am **New Concepts for Quality Control in Single Note Inspection,** by Oliver Pannke,
Giesecke & Devrient

11:35 am - 11:55 am Questions & Answers
Submit your questions at www.slido.com using the event code: #CR1

11:55 am - 12:05 pm **Closing Remarks,** by Gonzalo Santamaria, Currency Research