

The
**Banknote
Conference**

*The definitive forum on emerging trends and
leading technologies in the banknote industry*

BANKNOTE 20/20: NEW PERSPECTIVES

WASHINGTON, DC / MAY 11-14, 2020

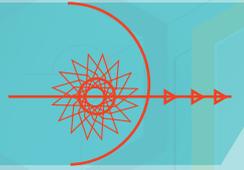
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INDUSTRY RECOGNITION



The Banknote Conference has a long history of recognizing achievements in the industry – from awards to celebrating the hard work of bringing banknote-related projects to fruition.



IACA Excellence in Currency Technical Awards

The International Association of Currency Affairs (IACA), a non-profit association of central banks, finance ministries, mints and suppliers dedicated to making cash the best that it can be, will present their Excellence in Currency Technical Awards during Banknote 2020.

Presented in conjunction with Currency News and Banknote 2020, the awards are open to central banks and organizations providing products, systems, or services. Winners will be determined from among the Finalists by a vote of IACA's members. Learn more at currencyaffairs.org.



Banknote Achievement in Technology Award

The Banknote Conference Advisory Committee invites nominations for this award, presented in recognition of an individual's outstanding contribution to banknote technology and the advancement of security, usability and efficiency of banknotes.

Currency Research (the organizers of the Banknote Conference) orients the award toward technological achievements in banknotes to coincide with the technology theme of the conference. The Banknote Conference Advisory Committee will make the selection based on nominations received. Visit banknoteconference.com for details.



New Banknote Series Discussion Center

Central bank representatives responsible for the release of a new banknote series or commemorative banknote in the last two years (since Banknote 2018) will have scheduled times to present and discuss their strategy and decision-making process. These Discussion Center talks, held during lunches and breaks, will allow delegates to interact and exchange specific insights and challenges in bringing a new banknote series to life!

Please contact Dan Harrison, VP of Sales, if you would like your note or series to be included in the Discussion Center: dharrison@currencyresearch.com.

THE VENUE



Banknote 2020 returns to Washington, DC at a new venue: The Marriott Renaissance Washington, DC Downtown Hotel. The hotel's boutique style, conversation nooks, and overall amenities such as Starbucks, Vida Fitness, multiple restaurants and bars in a trendy area in DC make this the perfect location for tech talk.

On Thursday, May 14, you can spend your afternoon on a hop-on hop off tour that picks you up outside the hotel and takes you on a fun excursion, all at a special Banknote 2020 discounted rate. Visit the Tours page on the site for details.

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THE TOPICS



Central Bank Discussion: Banknote Technology Needs and Expectations for the Future

We will kick off the conference with the most fundamental of discussions with central bank currency leaders. What are the needs and requirements of the central banks for future banknote programs, and how and where can technology and innovation progress going forward? What and who are we designing notes for and with what purpose? These and other key issues will be discussed including a review and sharing of high-level perspectives on the session topics to be discussed for the remainder of the conference.

Designing Banknotes for the Automated Cash Cycle

Cash cycle suppliers, cash management companies and central banks will discuss banknote automation capabilities and sticking points in the cash cycle. Where is the cash cycle headed in terms of automation? What can current automation achieve when it comes to note sorting and authentication at the point of sale and cash center level? How does the design of banknotes have to change to maximize this capability and what are the challenges?

Latest Research and Developments in Currency Production and Technology

What are new production technologies or studies that will help move the industry forward? Industry leaders will highlight key studies and developments from their country or cash cycle segment that will have lasting impacts on the banknote ecosystem and the direction of technological progress.

Artificial Intelligence (AI), Machine Learning and DLT Applications in the Banknote Industry

Let's demystify AI and machine learning. We've all heard about advances of AI and the many theoretical benefits of employing the highly advanced computer based neural networks, but how does this technology apply to the banknote industry? Why are central banks and printers collecting cast amounts of data? Learn what is being done with the data and how AI is making a difference – and what the potential is for the future. Presenters will share how the industry might develop to make note design and the cash cycle advance in the next giant leap forward.

Reducing the Ecological Footprint of Banknotes

Many studies have been conducted about the current ecological footprint for banknote production, distribution and destruction. These studies will be presented and the implications of the findings for our industry will be discussed, along with practices in place that have made the production, circulation, and destruction of notes greener. We will discuss how the industry can leverage this need for ecological change as a platform for more radical technological innovation.

Collaborative Partnerships: Perspectives for Both Industry and Central Banks Working Together and Sharing Information

All too often partners work in silos and do not collaborate openly about best practices, problems, and lessons learned. Without working together the overall process is inefficient and produces suboptimal outcomes.

Hear from central banks, industry groups, and printers about successful partnerships, how they function, and what benefits they have yielded.

Perception Studies: Producing Actionable Information to Support Data-Driven Decision Making

Banknote user perspectives should be a fundamental consideration in the process of banknote design and feature development. What are the benefits and uses of perception studies? What are perception studies telling us – and are we listening?

Banknote industry and perception study experts will share use-cases and insights into perception studies conducted around the world and how this information is being applied to banknote development projects. The latest scientific tools and methodologies evaluating the “user experience” will also be discussed.

CONCURRENT SESSIONS

Tuesday, May 12, 2020 | 1:45 pm – 3:15pm

3rd Annual State Printworks Summit

Join fellow State Printwork professionals to discuss the issues that are top of mind. A survey will be circulated to all registered Summit delegates in advance to identify the key topics to be discussed during the Summit, for a unique opportunity to share and discuss challenges and opportunities facing State Printworks today.

2nd Annual Polymer Users Summit

The Polymer Users Summit will explore the benefits of an organized Polymer Users Group and a vision for the future, and also share and discuss the key aspects of the issuance and circulation of polymer banknotes. Best practices, challenges, and benefits will be explored. If you are currently issuing or considering polymer banknotes, then make plans to attend this unique and focused discussion.

Special Topics: Deep Dive

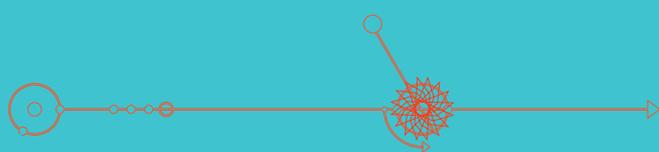
Substrate Panel Discussion

Take a special look at paper, polymer, and hybrid substrates through the lens of sustainability, future of the product, and notelife.

Global Efforts on Counterfeit Deterrence

Law enforcement and central banks will discuss counterfeit research, global trends and deterrence efforts.

THE EXPERTS



We deeply appreciate the contributions of the experts participating in Banknote 2020.*

Please check the website for new speaker announcements in this growing list of presenters as they are confirmed in the coming months.

Tim Berridge
CCL Secure

Sven Bertelmann
Deutsche Bundesbank

Achim Boers
Prosecur

Roland Costa*
Federal Reserve Currency
Technology Office (retired)
and Banknote 2020 Co-Chair

Doug Crane
Federal Reserve Board

Harald Deinhammer
European Central Bank

Tim Driscoll*
Authentix

David Finnegan
CSCS – IDAS Global

Irina Geiman
US Secret Service

Jean-Michel Grimal
European Central Bank

Rosmaya Hadi
Bank Indonesia

Barbara Jaroshek
National Bank of Poland

Sarah John
Bank of England

Arushi Joshi
AtCash

Nabil Lawandy
Spectra Systems Corporation

Dahlia Luna
Bangko Sentral ng Pilipinas

Pradeep Maharaj
South Africa Reserve Bank

Tod Niedeck
Crane Currency

Len Olijar
US Bureau of Engraving
and Printing

Arie Piet*
National Bank of Belgium

Jane Raymond
Secure Perception Research
Ltd.

Roger Repogle
Federal Reserve Bank
Currency Technology Office

Bill Riley
Federal Reserve Currency
Technology Office

Henry Rosset
VHP Security Paper

Neil Sanders
CCL Secure

Mark Stevenson
IBDA

Helena Tejero*
Banco de España

Sara Trygg Rudberg
Crane Currency

Frank van der Horst
De Nederlandsche Bank

Richard Wall*
Bank of Canada (retired)
and IACA Chairman

Carrie Wilkie
GS1 US

Topics and presenters are subject to change without notice.

*Banknote 2020 Advisory Committee member. Other members include Lydia Yip (Hong Kong Monetary Authority, retired) and senior experts from Currency Research.

**REGISTER
NOW**

**Visit banknoteconference.com
to learn more and register.**



JOIN US

Be a part of this definitive forum that identifies and influences future trends and groundbreaking technologies in banknotes. Your fellow technical leaders and decision-makers will gather next May in Washington, DC at the **longest-running, independent meeting of central banks, printworks, and industry suppliers.**

PRE/POST-CONFERENCE PROGRAM

Tour of the US Bureau of Engraving and Printing

Monday, May 11, 2020 | 10:00 am – 12:00 pm

Conference delegates will have the opportunity to see all areas where US paper currency is printed, stacked, cut, and examined for defects. During the tour, you will see millions of dollars of all denominations rolling off the presses. The Bureau prints about \$700 million in notes every day. The total tour time is 1.5 hours and space is limited, so please sign up when you register.

Note: If you wish to attend the Technology Ideation Workshop at 12:00 pm, choose the earliest tour to return in time. The tour is complimentary and included as a benefit of conference registration.

Technology Ideation Workshop

Monday, May 11, 2020 | 12:00 pm - 2:15 pm

The pre-conference Technology Ideation Workshop speaks to the heart of the Banknote Conference mission: identifying emerging technologies. In this workshop, university professors, researchers, and select central banks will present basic research within their field that could have future application in currency. They will present a very technical view of the possibilities. This will be an in-depth workshop where those with technical acumen can explore, discuss, and evaluate these new and innovative possibilities. University representatives will be available after the workshop for follow-up discussion.

The workshop is complimentary and included as a benefit of conference registration.

IBDA Future of Banknotes Seminar

A Unique Opportunity to Create New Insights and Perspectives on the Banknotes of the Future

Thursday, May 14, 2020 | 1:30 pm - 4:00 pm

The International Banknote Designers Association will have a dedicated seminar at Banknote 2020, allowing industry stakeholders to process the outputs and critical points of interest emanating from the unique World Banknote Project (WBP) initiative.

The WBP Project sought the banknote designers' vision of the future and how new ideas and concepts could evolve in future series of banknotes. The objective of this workshop is to present the key WBP concepts and findings and evaluate and discuss the future impact on design, manufacturing, and user perspectives.

The IBDA seminar at Banknote 2020 is vital for the industry since the WBP mission is to envision futuristic designs, but most importantly, to provide an interface between the WBP designers and the other industry stakeholders who develop banknote technology, and who manufacture, issue, and process banknotes.

Additional fee of \$300. Must pre-register. Space is limited.

**REGISTER
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Visit banknoteconference.com to learn more and register.

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