Tech Channel Episode 4. To read past episodes and receive future ones, click here.

Topics Covered: DigitalArbitration // DigitalJustice // Cybersecurity // LearnTech // LegalTechVaria

Contribute entries for future episodes: write to us at tech-channel@delosdr.org

#DigitalArbitration

**Update on Tech and Dispute Resolution Tools**
9 March 2021, by Eric Chang

#DigitalArbitration #AIArbitration #ArbTech
Contributed by Eric Chang

Presentation of the latest innovations in technologies applied to dispute resolution (e.g. On-Chain ADR, AI, ODR, DeFi). The article also covers some issues raised by the use of these new technologies, such as privacy and discrimination matters.

**La technologisation de la justice avec l'arbitre Sophie Nappert**
1 April 2021, Sophie Nappert

#DigitalArbitration #ArbTech #LegalTechDisputeResolution
Contributed by Thais Negrao

Interview with Sophie Nappert regarding the changes brought to the arbitration world by the COVID-19 pandemic, notably the use of information technology to hold hearings and useful tips to promote arbitral efficiency. [in French]
**Award Concerning Bitcoin set Aside for Breach of Public Policy as it Creates a Risk for Disruption of the Financial Order**

2 April 2021, by Brad Wang and Xianyue Bai

#DigitalArbitration #Cryptocurrency #LegalTechDisputeResolution

Contributed by Hafez Virjee

Analysis of the Shenzhen Intermediate People’s Court decision that set aside an Award of a local arbitral institution in Shenzhen on a contract breach dispute involving bitcoin payments. The article comments on the Court’s reasoning on whether the arbitral Award is in breach of public policy.

**Digital Dispute Resolution Rules for Novel Technology**

22 April 2021, by The UK Jurisdiction Taskforce

#DigitalArbitration #SmartContracts #LegalTechDisputeResolution

Contributed by Thais Negrao

The UK Jurisdiction Taskforce of LawtechUK, chaired by Sir Geoffrey Vos, Master of the Rolls, has launched its Digital Dispute Resolution Rules covering disputes related to novel digital technology such as crypto assets, smart contracts, blockchain and fintech applications. The Rules are designed to be used for and incorporated into on-chain digital relationships and smart contracts.

**New Technologies and the UAE Federal Arbitration Law**

24 May 2021, by Antonia Birt and Matei Purice

#DigitalArbitration #ElectronicSignature #LegalTechDisputeResolution

Contributed by Antonia Birt

Brief overview of the interplay between technology and arbitration in general under the provisions set forth in the Federal Arbitration Law No 6 of 2018: form of the arbitration agreement, notices, use of tech for evidentiary purposes, and awards signed by electronic means.

**Remote Hearings (2020 Survey): A Spectrum of Preferences**

1 July 2021, by Gary Born, Anneliese Day QC, Hafez Virjee

#DigitalArbitration #RemoteHearings #LegalTechDisputeResolution

Contributed by Hafez Virjee

This article in JOIA 38(3) develops the authors' findings published in October 2020 from their June-July 2020 survey on experiences with remote hearings. [requires a paid subscription]
Videoconferencing Technology in Arbitration: New Challenges for Connectedness (2020 Survey)
8 July 2021, by Gary Born, Anneliese Day QC, Hafez Virjee

The article considers additional data not discussed above from the authors' June-July 2020 survey relating to the use of videoconferencing technology in arbitration, not only in the context of hearings, but also webinars and remote working.

Experiences with Remote Hearings: Data Sheet from A Survey of Users' Views (June-July 2020)
8 July 2021, by Delos

Data sheet based on the detailed findings from Gary Born, Anneliese Day QC and Hafez Virjee's survey on experiences with remote hearings. It considers data from over 200 respondents in 43 jurisdictions.

19 July 2021, Delos

The second edition of Delos's Guide to Arbitration Places (GAP) covers the intersection of arbitration and tech across 56 jurisdictions, addressing questions such as the validity of blockchain-based evidence, the recognition and enforcement of arbitration agreements and awards recorded on blockchain, and the validity of electronic signatures of awards.

HKIAC Arbitration Against Crypto exchange Platform
19 August 2021, CNBC

Hundreds of crypto investors started HKIAC arbitration proceedings against the crypto exchange platform Binance, seeking damages for money they lost during a major outage.
<table>
<thead>
<tr>
<th>Title</th>
<th>Description</th>
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<tbody>
<tr>
<td>The Solution to the Pervasive Bias and Discrimination in the Criminal Justice: Transparent Artificial Intelligence</td>
<td>Discussion on the use of artificial intelligence by the justice system, with a focus on criminal justice. The article puts forward the idea that AI can be more objective, transparent and predictable than human work.</td>
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<tr>
<td>29 March 2021, by Mirko Bagaric, Jennifer Svilar, Melissa Bull, Dan Hunter, Nigel Stobbs</td>
<td>#DigitalJustice #TransparentAI #AIJustice</td>
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<td>Contributed by Thais Negrao</td>
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<td>The Supreme Court of India Implements an Artificial Intelligence Portal (SUPACE)</td>
<td>The AI will be used for collecting and analysing data in order to unclog the court dockets. The software produces chronologies of events, tracks the progress of cases, performs legal research and generates case summaries. Demo available <a href="#">here</a>.</td>
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<td>7 April 2021, by Times of India, Dhananjay Mahapatra</td>
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<td>#DigitalJustice #AIJudge #ArtificialIntelligence</td>
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<td>Contributed by Thais Negrao</td>
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<td>US to Adopt Algorithmic Justice and Online Platform Transparency Act</td>
<td>The US Senate proposes a Bill to regulate online platforms engaged in decision making. The Bill aims 'to prohibit the discriminatory use of personal information by online platforms in any algorithmic process, to require transparency in the use of algorithmic processes and content moderation, and for other purposes’ (&quot;Algorithmic Justice and Online Platform Transparency Act&quot;).</td>
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<td>27 May 2021, by the US Senate</td>
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<td>#DigitalJustice #AIDecisionMaker #AIEthics</td>
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<td>Contributed by Mihaela Apostol</td>
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<td>Rules for Online Litigation of the People’s Court of China</td>
<td>The Supreme People’s Court of China has published recently a set of Rules for Online Litigation of the People’s Court of China to...</td>
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<tr>
<td>18 June 2021, by Supreme People’s Court of China</td>
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#DigitalJustice #ODR
#BlockchainEvidence
Contributed by Mihaela Apostol

promote and regulate digital litigation services.

#Cybersecurity

Working from Home and Cybersecurity Issues
25 March 2021, by GAR

#Cybersecurity #RemoteWork #CyberAttacks
Contributed by Thais Negrao

Highlights from the Hong Kong Arbitration Week on the most common cyberattacks in the context of arbitral proceedings and recommendations on how to prevent them. [requires a paid subscription]

Formula 1 Lessons for Cybersecurity in International Arbitration
27 March 2021, by Mihaela Apostol and Wendy Gonzales

#Cybersecurity #CyberArb #CyberAttacks
Contributed by Wendy Gonzales

Short and practical guide on cybersecurity and arbitration. The article highlights the importance of implementing cybersecurity measures in arbitral proceedings and presents a roadmap of important steps to take in order to prevent data breaches.

UK Chambers Takes on Cyber-blackmailers in High Court
7 July 2021, by Michael Cross

#Cybersecurity #CyberAttacks #DataProtection
Contributed by Hafez Virjee

D4 New Square responds to cyber-blackmailers by seeking ex parte and obtaining an injunction in the English High Court against 'person or persons unknown'.

#LearnTech

Guide to NFTs and NFT Platforms
June 2021, by King & Wood Mallesons

King & Wood Mallesons prepared a legal guide to non-fungible tokens (NFTs) and NFT platforms.
Online course on Bitcoin, Blockchain and Cryptoassets Offered by the University of Basel
2021, by the Center for Innovative Finance, University of Basel

#LearnTech #Bitcoin
#Blockchain

Contributed by Mihaela Apostol

The Center for Innovative Finance, University of Basel offers an online course on Bitcoin, Blockchain and Cryptoassets. The course covers elements from business, economics, computer science and cryptography.

#LegalTechVaria

Proposal for a Regulation on a European Approach for Artificial Intelligence
21 April 2021, by the European Commission

#ArtificialIntelligence #AIEthics
#AIRegulation

Contributed by Thais Negrao

A proposal for a regulation for a harmonised European approach on the use of AI technologies. The regulation establishes rules for the development, placement on the market and use of AI systems in the EU following a proportionate risk-based approach. The rules may impact the legal tech industry as they provide for heavy sanctions in case of non-compliance with the standards set forth therein.

Bitcoin Adopted as Legal Currency by El Salvador
9 June 2021, by BBC

#Cryptocurrencies #Bitcoin
#Disruption

Contributed by Mihaela Apostol

El Salvador becomes the first country in the world to officially classify Bitcoin as a legal currency. El Salvador will accept Bitcoin for the legal tender processes.
The United Nations Office of Counter-Terrorism and the United Nations Interregional Crime and Justice Research Institute flag out the risk of potential use AI for malicious purposes, such as AI-powered password guessing, ransomware, drones with facial recognition, deepfakes, morphed passports, etc.