1. Record Nr. UNINA9910554812103321 The legaltech book: the legal technology handbook for investors, Titolo entrepreneurs and FinTech visionaries / / edited by Sophia Adams Bhatti [and three others] Chichester, West Sussex, England:,: Wiley,, [2020] Pubbl/distr/stampa ©2020 **ISBN** 1-119-80497-3 1-119-80498-1 1-119-70806-0 1-119-57428-5 Descrizione fisica 1 online resource (xiv, 265 pages): illustrations Disciplina 340.0285 Practice of law - Automation Soggetti Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Intro -- The LegalTech Book -- Contents -- Preface -- About the Editors -- Acknowledgements -- 1. An Introduction to LegalTech: The Law Boosted by AI and Technology We Are Voyagers -- Mapping and Classifying LegalTechs -- Why Is Classification Necessary? -- A Mapping Frenzy -- Approaching the Classification Effort -- Gazing Into the FinTech Abyss -- Links -- Educating for Disruption, Innovation and Legal Technology -- Introduction -- The Nature of Disruption and Innovation in Legal Services to Date and the Increasing Role of Technology -- Where Do We Go From Here? -- Conclusion -- An Introduction to Mapping and Classifying LegalTech -- In-House Counsel Can Drive Industry Change Through Legal Technology --Introduction and My Journey to LegalTech -- Adoption of Legal Technology-In-House vs Law Firms -- Why Do Many In-House Teams Lag Behind? -- The Business Case for LegalTech -- Change on the Horizon! -- The Role of LegalTech in Financial Services: A Case Study -- Background -- Legal Document Automation in Financial Services --

Case Study -- A Problem of Scale -- Risk Mitigation -- What the Future

Holds -- How Artificial Intelligence Is Transforming the Legal Profession -- The Changing Face of the Legal Profession -- Drivers of Technological Advancement in the Legal Industry -- How Is Al Revolutionizing the Legal Field? -- How Should Legal Departments Be Prepared for the Al Revolution? -- What are the Implications of Al in the Legal Industry? -- Conclusion -- Can the Law Keep Up with the Growth of AI? -- Big Data, Text and Data Mining-Can the Law Keep Up? -- AI vs Privacy Laws -- TDM vs Copyright Laws -- A Global Concern --Alternative Solutions: Innovation-Friendly Laws -- Technological Solutions -- Fairness, Accountability and Transparency - Trust in Al and Machine Learning -- Privacy - A Trade-off for Access. Surveillance Capitalism and Threats to Democracy -- State Surveillance and Enforcement -- Bias/Unfairness -- Transparency -- Accountability -- What Next? -- The Chiron Imperative - A Framework of Six Humanin-the-Loop Paradigms to Create Wise and Just Al-Human Centaurs --Human as Al Trainer -- Human as Al User-Trainer -- Human as Al Quality Control and Governance -- Human as AI Explainer or Interpreter -- Human as AI Creator -- Human as Customer-User of AI Products and Services -- Embodying Chiron as the Ideal AI Centaur --Lawyers' Ethical Responsibility to Leverage AI in the Practice of Law --Al's Black Box -- Duties of Competence ... and Supervision -- Global Al Ethics -- Al and Ethics: Hand in Hand -- Dispute Resolution 2.0: The Era of BIG Data, Al and Analytics -- Digitizing the Dispute Resolution Process -- Al in Dispute Resolution -- At the Transactional Stage -- At the Time of Breach or Failed Performance -- Document Review -- Legal Research -- Bundling and Administrative Tasks -- Trials -- Why All LegalTech Roads "Point" to a Platform Strategy -- How Did We Get Here? -- Digital Operations, Data and Platforms -- The Promise of Artificial Intelligence -- How Can We Keep Up? -- An Introduction to the Internet of Things -- What Is the IoT? -- What Is an IoT Device? --Security of the IoT -- Blockchain -- The IoT and the Law -- Conclusion -- 2. Law and Data -- Technology and the Law - Data and the Law --The Paces of Change -- Governance Beyond the Law -- Technology or Application? -- The Languages of Law, of Science and of Society --Data for the Wider Good -- References -- I Make the Rules, Why Should I Care About LegalTech? -- So, Where Do You Start in Order to Have the Best Shot at a Successful Digital Transformation? -- Legacy CMS --Investment in Technology or Outsourcing? -- Bespoke or Off-the-Shelf? -- Content Delivery Methods to Consider. Resourcing -- Data Resilience and Security -- Maintenance and Accessibility -- Capturing Useful Data -- Well-Defined and Structured Data Model -- Content Augmented with Metadata -- Taxonomy --Data Migration and Testing -- To Conclude -- From Legal Documents to Legal Data -- Introduction -- Legal Documents -- Legal Data --Open Access -- Natural Language Processing -- Case Studies --Conclusion -- Acquisitive Information Extraction Framework for Legal Domain -- Introduction -- Acquisitive Information Extraction Framework -- Case Study: Named-Entity Recognition for Legal Documents -- Results and Discussion -- Acknowledgements -- Legal Expert Systems -- Relevancy of Questions -- Explanations -- Tech vs Law: Consent -- The Issue -- "Specific and Informed" Consent --"Freely Given" -- An Alternative Approach -- The Way Forward -- New Privacy Laws Require Changed Operations on Commercial Websites --The Changing Landscape of Internet Data Privacy -- Jurisprudence of Internet Data Privacy Regulation -- The California Consumer Privacy Act of 2018 -- European Union's General Data Protection Regulation --Comparison of Two Seminal Laws -- Dealing with Tensions Between the Blockchain and the GDPR -- Introduction -- Problems of Identifying

Data Controllers and Processors on the Blockchain -- The Right to Erasure on the Blockchain -- Liability of Joint Controllers on the Blockchain -- The Scope of the DPIA on the Blockchain Network -- Data Transfers -- Smart Contracts and Automated Decision-Making -- Conclusion -- Rise of the Legalbots: How In-House Teams and Business Lines Benefit -- What Has Changed -- The Legalbot - What Is It and What Can It Do for You? -- Conclusion: Legalbots - An Opportunity or a Threat? -- Al Is Changing Boardroom Dynamics -- Cloud Computing Contracts -- 3. Technology vs Law -- LegalTech in Our Daily Lives -- Conclusion.

The Evolution of the Legal Marketplace -- The Evolution of the Legal Marketplace -- Stage One: The Marketplace -- Stage Two: The Managed Platform -- Stage Three: Full Verticalization -- The Marketplace Evolution -- Technology and In-House Counsel -- The Role of the In-House Lawyer -- Legal Technology as Point Solution -- A Blank Sheet of Paper -- Walking Forwards -- Smart Home or Spy Home? -- "Smart" Lifestyle: -- Smart Challenges -- Basic Defence Measures --Cybersecurity: Myths and the Hero's Journey -- Introduction --Problem, What Problem? -- Could Your Firm Survive Such an Event? --A Call to Action -- Create Your Cybersecurity Strategy -- Cybersecurity Myths and the Trials: Threats from Within and Without -- Help From Unexpected Sources -- Conclusion -- Legal Talent Platform Economy -The Beginning of the End? -- Can Intelligence Be Appropriated: Ownership Over AI -- What Is AI? -- From Inventor to Owner - The AI Dilemma -- More Questions Than Answers -- The Electronic Creation Right (ECR) -- Artificial Originality and Creativity -- Moral Rights and the Rationale for the ECR -- 4. Cryptocurrencies, Distributed Ledger Technology and the Law -- Distributed Ledger Technology and the Legal Profession -- Distributed Ledger Technology: Factors for Adoption and Use Cases -- Impact of Distributed Ledger Technology on Legal Services -- Conclusion -- Cryptoasset Regulation: Clarification and Guidance -- The Legal Implications of Digital Security Offerings --FINMA Leads but SEC Rules -- The US Supreme Court and Considerations of the "Howey Test" -- The Life cycle of a Security Token -- Global Regulation -- Cryptoassets and Market Abuse --Definition and Classification of Cryptoassets -- Cryptoassets as Financial Instruments -- Market Abuse -- Conclusions --Cryptosecurities: Traditional Financial Instruments on a Distributed Ledger.

Distributed Ledger Technology and Share Registers -- Cryptosecurities -- Classification Matrix -- Examples -- Category C3 Cryptosecurities -- Conclusion -- The Use of Digital Tokens for the Boost of Supply Chain Finance -- Introduction -- The Use of Digital Tokens in SCF --An Example of How Digital Tokens Can Be Used in the Context of SCF -- Conclusion: Tokenization as a Boost for the Supply Chain Finance Sector -- 5. Smart Contracts and Applications -- LegalTech's Impact on the Role and Job of a Lawyer -- Smart(er) Contracts - Digitizing Contracts for a New Age -- Introduction -- Costly Contracting and the Need for a Digital Contract Standard -- Imagine a World of Smart Contracting -- Building Smart(er) Contracts -- Conclusion -- Smart Contract and Traditional Contract -- Traditional Contracts Compared to Smart Contracts -- The Interface with Blockchain -- Getting Smart: Blockchain and Smart Contracts -- Origins of Blockchain Smart Contracts and How Blockchain Smart Contracts Work -- Potential Use Cases -- Technical Limitations or Barriers and Regulatory Issues --Conclusion -- Legal Prose to Code: Restructuring Contract Templates for Blockchain Automation -- References -- The Legal Framework of Pay-Per-Use Financing -- What Is Pay-Per-Use Financing? -- To Buy, to Lease or to Pay-Per-Use? -- Pay-Per-Use Business Models -- Bank Pay-Per-Use-Finances Asset -- Customer Buys Service Level Agreement -- What Are the Prerequisites for Pay-Per-Use? -- Data Logistics -- Design "Use" of the Asset -- Risk Management -- Supply Chain Settlement -- Data Governance -- 6. Legal Technology: Increasing or Impeding Access to Justice? -- Legal Technology: Increasing or Impeding Access to Justice? -- Introduction -- The Crucial Role of LegalTech in Access to Justice -- Digitizing Disputes -- Introduction -- Court Use of Technology -- Summary of Disputes Focused Software. Al in Disputes.