

Final Agenda Second Annual Digital Pcr

This edited volume explains the importance of regional public goods (RPGs) for sustainable development and shows why they are particularly important in the context of 21st-century international relations. By presenting a new and original data set and by presenting original essays by renowned scholars, this book lays the foundation for what will become an increasingly important focus for both economic development and international relations as well as for their intersection. The volume contains four parts. The first introduces the core issues and concepts that are explored throughout the book as well as a new and original data set on RPGs. The second part further develops specific concepts important for understanding 21st-century RPGs: regional leadership, alliances, networks, and outcomes. The third examines how cooperation takes place worldwide for a range of important RPGs. Finally, the fourth part discusses how public goods are produced in specific regions, stressing that each region has a distinct context and that these contexts overlap in a decentralized "multiplex" manner. Global economic cooperation will be different in the 21st century, and this volume will be of interest to students and scholars of global governance, economic development, international political economy, sustainable development, and comparative regionalism.

This book constitutes the refereed proceedings of the Second International Conference on Digital Transformation and Global Society, DTGS 2017, held in St. Petersburg, Russia, in June 2017. The 34 revised full papers and three revised short papers presented were carefully reviewed and selected from 134 submissions. The papers are organized in topical sections on eSociety: social media analysis; eSociety: ICTs in education and science; eSociety: legal, security and usability issues; ePolity: electronic governance and electronic participation; ePolity: urban planning and smart cities; eHealth: ICTs in public health management; eEconomy and eFinance: finance and knowledge management.

This edited volume brings together a group of expert contributors to explore the opportunities and the challenges that Industry 4.0 (smart manufacturing) is likely to pose for regions, firms and jobs in Europe. Drawing on theory and empirical cases, it considers emerging issues like servitization, new innovation models for local production systems and the increase in reshoring. Industry 4.0 and Regional Transformations captures the complexity of this new manufacturing model in an accessible way and considers its implications for the future. It will be essential reading for advanced students and researchers and policy makers in regional studies, industrial policy, economic geography, innovation studies, operations management and engineering.

This book examines Russian influence operations globally, in Europe, and in Russia's neighboring countries, and provides a comprehensive overview of the latest technologies and forms of strategic communication employed in hybrid warfare. Given the growing importance of comprehensive information warfare as a new and rapidly advancing type of international conflict in which knowledge is a primary target, the book examines Russia's role in Global Knowledge Warfare. The content is divided into three parts, the first of which addresses conceptual issues such as the logic of information warfare, the role of synthetic media, and Russia's foreign policy concepts, including the impact of the COVID-19 pandemic on influence operations. The second part analyzes technological, legal and strategic challenges in modern hybrid warfare, while the third focuses on textual, cultural and historical patterns in information warfare, also from various regional (e.g. the Western Balkans, Romania, Ukraine, and the Baltic) perspectives. The book is primarily intended for scholars in the fields of international relations, security and the military sciences who are interested in Russian foreign policy and influence operations, but also their impact on the global security environment.

e-Participation Practices in Europe
Engaging Citizens in Policy Making
HRM in the Global South

Agenda New York
Updated and revised 2nd edition

The Business Year: Qatar 2021

The development of new technologies places new challenges to the interpretation and implementation of legislation in the information society. The recent deployment of service-oriented computing and cloud computing for online commercial activities has urged countries to amend existing legislation and launch new regulations. With the exponential growth of international electronic commercial transactions, a consistent global standard of regulating the legal effects of electronic communications, the protection of data resolution are motivating factors to build users' trust and confidence in conducting cross-border business and their sharing information online. The second edition of this book continues taking a 'solutions to obstacles' approach and analyses the main legal obstacles to the establishment of trust and confidence in undertaking business online. In comparing the legislative frameworks of e-commerce in the EU, US, China and International Organisations, the book sets out solutions to modernise and harmonise laws at the technological developments. It specifically provides information on the key legal challenges caused by the increasing popularity of service-oriented computing and cloud computing as well as the growing number of cross-border transactions and its relation to data privacy protection, Internet jurisdiction, choice of law and online dispute resolution. It considers how greater legal certainty can be achieved in cloud computing service contracts and other agreements resulted in service-oriented computing. The second edit

date account of a fast-moving area of study. It will be of great value to legislators, politicians, practitioners, scholars, businesses, individuals, postgraduate and undergraduate students. It provides in-depth research into finding solutions to remove eight generic legal obstacles in electronic commercial transactions and offers insights into policy making, law reforms, regulatory developments and self-protection awareness. This seventh volume in the Swedish European Law series brings together some of the most prominent scholars working within the fast-evolving field of EU civil justice. Civil justice has an impact on matters involving, inter alia, family relationships, consumers, entrepreneurs, employees, small and medium-sized businesses and large multinational corporations. It therefore has great power and potential. Over the past 15 years a wealth of EU measures have been enacted in this field. Issues arising from the implementation of these measures, as well as the challenges of these measures. The particular themes covered include: alternative dispute resolution, simplified procedures and debt collection, family matters and collective redress. In addition, the deepening of the field that continues post-Lisbon has occasioned a new level of regulatory and policy challenges. These are discussed in the final part of the volume which focuses on mutual recognition also in the broader European law context. This is an open access title available under the terms of a [CC BY-NC-ND 4.0] License. It is free to read, download and share on Egaronline.com. Evolving academic and policy thinking on e-participation, this book opens up the organizational and institutional 'black box' and provides new insights into how public administrations in 15 European states have facilitated its implementation.

Criminal law can no longer be neatly categorised as the product and responsibility of domestic law. That this is true is emphasised by the ever-increasing amount of legislation stemming from the European Union (EU) which impacts, both directly and indirectly, on the criminal law. The involvement of the EU institutions in the substantive criminal laws of its Member States is of considerable legal and political significance. This book deals with the emerging EU framework for creating, harmonising and ensuring the application consequences of EU involvement in the criminal law by examining the provisions which have been adopted in the field of information and communications technology. It provides an overview of the criminal law competence of the EU and evaluates the impact of these developments on the criminal laws of the Member States. It then goes on to consider the EU legislation which requires Member States to regulate matters such as data protection, e-security, intellectual property and various types of illegal content through consideration is given to issues such as the basis on which the EU institutions establish the need for criminal sanctions, the liability of service providers and the extent to which the Member States have adhered to, or departed from, the legislation in the course of implementation.

Influence Operations in Europe and Its Neighbourhood
Congressional Record

Contemporary Issues in the EU, US and China

Crystallizing the EU Digital Policy

Report of a Workshop Sponsored by the National Bureau of Standards, Gaithersburg, Md., Sept. 23-24, 1974

EC-US Perspectives

Current Issues and Future Outlook

Featuring specially commissioned chapters from experts in the field of media and communications law, this book provides an authoritative survey of media law from a comparative perspective. The handbook does not simply offer a synopsis of the state of affairs in media law jurisprudence, rather it provides a better understanding of the forces that generate media rules, norms, and standards against the background of major transformations in the way information is mediated as a result of democratization, economic development, cultural change, globalization and technological innovation. The book addresses a range of issues including: Media Law and Evolving Concepts of Democracy Network neutrality and traffic management Public Service Broadcasting in Europe Intersection of Communication and Surveillance in Russia State secrets, leaks and the media A variety of rule-making institutions are considered, including administrative, and judicial entities within and outside government, but also entities such as associations and corporations that generate binding rules. The book assesses the emerging role of supranational economic and political groupings as well as non-Western models, such as China and India, where cultural attitudes toward media freedoms are often very different. Monroe E. Price is Director of the Center for Global Communication Studies at the Annenberg School for the University of Pennsylvania and Joseph and Sadie Danciger Professor of Law and Director of the Howard M. Squadron Program in Law, Media and Society at the Cardozo School of Law. Stefaan Verhulst is Chief of Research at the Markle Foundation. Previously he was the co-founder and co-director, with Professor Monroe Price, of the Programme in Comparative Media Law and Policy (PCMLP) at Oxford University, as well as senior research fellow at the Centre for Socio Legal Studies. Libby Morgan is the Associate Director of the Center for Global Communication Studies at the Annenberg School for the University of Pennsylvania.

"This 10-volume compilation of authoritative, research-based articles contributed by thousands of researchers and experts from all over the world emphasized modern issues and the presentation of potential opportunities, prospective solutions, and future directions in the field of information science and technology"--Provided by publisher.

This book explores the intricate connection between the Single Market, characterized by the freedom of movement of goods, services, capital and labour within and across Europe, and the Digital Single Market, the virtual space that promotes freedom of movement of information and data. Both a result and catalyst of the Single Market, as the former is based on the application of information and communication technologies (ICTs), while the latter is the result of concerted actions and concessions by Member States in the European Union. The author argues that, similar to the Single Market, the Digital Single Market is an instrument, built by the influence of the Internet, which can provide a new means of socio-economic growth and development in Europe. While sharing many similar characteristics, the Single Market and the Digital Single Market diverge in important aspects, particularly with respect to policy. The research analyzes the interaction between policy actors, their influence in the European decision-making process, and their interests in order to establish a digital policy model, in comparison with market policy. Moreover, this volume considers the implementation process and the success of such initiatives under the current policy model, and puts forward policy recommendations. Ultimately, the author considers the utility of such research on digital policy, considering the current focus on migration, vulnerabilities to internal challenges (e.g. privacy threats, maintaining digital rights), and external challenges (e.g. data protection, digital rights).

First in-depth analysis of broadband developments in Europe, combining qualitative and quantitative analysis, with chapter contributions provided by in-country experts.

NBS Technical Note

Engagement for Growth and Jobs: Lot 2, "ICT and Entrepreneurship": Final Report

EU Civil Justice

EU State Aid Law

Critical Electrical Measurement Needs and Standards for Modern Electronic Instrumentation

Good Governance and Better Regulation in the Information Age

Realizing the 2020 Digital Agenda

An invaluable resource for students of law, politics, international relations and technology as well as for diplomats and civil society actors, this publication demonstrates how the Council of Europe contributes to ensuring that everyone's voice online can be heard. This is key to sustainable, human rights oriented and people-centred digitalisation. Human rights matter on the internet. Without freedom of expression, people cannot participate in everything that the information society has to offer. Yet online free speech is in danger. Between state laws, private rules and algorithms, full participation in the online communicative space faces many challenges. This publication explores the profound impact of the internet on free expression and how it can be effectively secured online. The second, updated edition of this introduction into the protection of expression online answers essential questions regarding the extent and limits of freedom of expression online and the role of social networks, courts, states and organisations in online communication spaces. In clear language, with vivid examples spanning two decades of internet law, the authors answer questions on freedom of expression in cyberspace. Addressing issues from the protection of bloggers to the right to access online information, the publication also shows the importance of the standard-setting, monitoring and promotion activities of international and non-governmental organisations and includes a chapter on relevant national practice. It pays special attention to the role of European human rights law and the Council of Europe as this region's most important human rights organisation.

Retail is 'going digital,' and grocery shopping is no exception. While some businesses are relying on their corporate website to make the sale, both traditional brick-and-mortar and new disruptive business models are increasingly using online marketplaces to offer their products online. European Union law has been gradually updated to reflect this new reality, with Intellectual Property Rights legislation and Consumer Law leading the way toward a suitable regulatory framework in the Platform Economy. However, the EU has not devised a comprehensive strategy for tackling the challenges posed by the online sale of physical consumer goods, such as effective public enforcement in online environments. In fact, sector-specific legislation, including Food Law, largely ignores online transactions. In this context, the book evaluates the impact that online marketplaces are having on European Union sector-specific legislation and its enforcement. The goal is to assess whether the existing regulatory and policy framework are sufficient for promoting compliance and bridging the enforcement gap in the digital single market. Focusing on the e-food market, the book presents a state-of-the-art overview of how online marketplaces are altering EU law and its enforcement by public authorities.

This significantly revised and updated second edition addresses the rapid development of EU copyright law in relation to the advancement of new technologies, the need for a borderless digital market and the considerable number of EU legal instruments enacted as a result. Taking a comparative approach, the Commentary provides comprehensive coverage and in-depth commentary on each of the EU legal instruments and policies, both from an EU and an international perspective. Alongside full legislative analysis and article-by-article commentary, the Commentary illustrates the underlying basic principles of free movement and non-discrimination and provides insights into the influence of copyright on other areas of EU policy, including telecoms and bilateral trade agreements.

This topical survey provides an overview of the current state of the art in technology use in mathematics education, including both practice-oriented experiences and research-based evidence, as seen from an international perspective. Three core themes are discussed: Evidence of effectiveness; Digital assessment; and Communication and collaboration. The survey's final section offers suggestions for future trends in technology-rich mathematics education and provides a research agenda reflecting those trends. Predicting what lower secondary mathematics education might look like in 2025 with respect to the role of digital tools in curricula, teaching and learning, it examines the question of how teachers can integrate physical and virtual experiences to promote a deeper understanding of mathematics. The issues and findings presented here provide an overview of current research and offer a glimpse into a potential future characterized by the effective integration of technology to support mathematics teaching and learning at the lower secondary level.

Law of Electronic Commercial Transactions

Freedom of expression and the internet

The Russian Federation in Global Knowledge Warfare

Regional Public Goods, Global Governance, and Sustainable Development

The Dynamics of Broadband Markets in Europe

Empowering Open and Collaborative Governance

Digital Agenda for Europe

The use of information and communication technologies to support public administrations, governments and decision makers has been recorded for more than 20 years and dubbed e-Government. Moving towards open governance roadmaps worldwide, electronic participation and citizen engagement stand out as a new domain, important both for decision makers and citizens; and over the last decade, there have been a variety of related pilot projects and innovative approaches. With contributions from leading researchers, Charalabidis and Koussouris provide the latest research findings such as theoretical foundations, principles, methodologies, architectures, technical frameworks, cases and lessons learnt within the domain of open, collaborative governance and online citizen engagement. The book is divided into three sections: Section one, "Public Policy Debate Foundations," lays the foundations regarding processes and methods for scoping, planning, evaluating and transforming citizen engagement. The second section, "Information and Communication Technologies for Citizen Participation," details practical approaches to designing and creating collaborative governance infrastructures and citizen participation for businesses and administrations. Lastly, the third section on "Future Research Directions of Open, Collaborative ICT-enabled Governance" provides a constructive critique of the developments in the past and presents prospects regarding future challenges and research directions. The book is mainly written for academic researchers and graduate students working in the computer, social, political and management sciences. Its audience includes researchers and practitioners in e-Governance, public administration officials, policy and decision makers at the local, national and international level engaged in the design and creation of policies and services, and ICT professionals engaged in e-Governance and policy modelling projects and solutions.

The recent State Aid Modernization has decentralized the enforcement of State aid law. In particular, under the General Block Exemption Regulation a number of aid schemes do not require the preventive "check" by the European Commission, while national courts play a growing role in private enforcement of State aid law. This insightful book analyzes the enforcement of State aid law in the aftermath of the State Aid Modernization, identifying a number of emerging trends at the national and EU level.

The Dynamics of Broadband Markets in EuropeRealizing the 2020 Digital AgendaCambridge University Press

This book analyses the recent modernisation of EU State aid law from various perspectives, and considers both substantive and procedural aspects. It also discusses the reasons for, and the goals and future implications of the modernisation programme, including the evolution of the concept of State aid. The ambitious reform programme was launched in 2012 and has now been almost fully implemented by virtue of the adoption of new rules of procedure in July 2013, and exemption in June 2014. The book highlights the main aspects of this sector reform, which include the Commission's change of attitude towards so-called positive aid, i.e. those able to promote economic growth, and the intention to focus on matters of greater systematic extent. These objectives also imply a third aspect: increasing the intensity of the control powers conferred on the Commission with regard to that aid that prove to be harmful to competition and the internal market. The book also examines the greater responsibility given to States for self-assessment of their economic policy measures, and explores the resulting impact on, and challenges posed to the administrations of the Member States. The book's second part is devoted to the application State aid rules in the area of services of general economic interest, with a special focus on aid in the field of social health and infrastructure.

Handbook Digital Farming

Second International Conference, DTGS 2017, St. Petersburg, Russia, June 21–23, 2017, Revised Selected Papers

eHealth: Legal, Ethical and Governance Challenges

A Concise Topical Survey

Technologies and Methods for Online Citizen Engagement in Public Policy Making

Emerging Trends at the National and EU Level

Current Affairs Half Yearly 2021

The rapid development of the Internet has led to a growing potential for electronic trade in digital content like movies, music and software. As a result, there is a need for a global trade framework applicable to such digitally-delivered content products. Yet, digital trade is currently not explicitly recognised by the trade rules and obligations of the World Trade Organization (WTO). This study provides a complete analysis of the related challenges in the ongoing WTO Doha Negotiations to remedy this state of affairs. It elaborates on the required measures in the multilateral negotiations to achieve market access for digital content and examines the obstacles that lie on the path to reach consensus between the United States and the European Communities. Negotiation parameters analysed include the current US and EC regulatory approach to audiovisual and information society services and the evolution of their applicable trade policy jurisdiction. Finally, this examination takes stock of how the Doha Negotiations and parallel US-driven preferential trade agreement have so far contributed to securing free trade in digital content. As new technologies are an increasingly prominent source of trade dispute, this book is an assessment of how WTO Members can maintain the relevance of the multilateral trade framework in a changing technological and economic environment. "This important work highlights the missed opportunity in on-going global trade talks -- the failure to pursue a free trade framework for digitally delivered content. If not corrected, one can readily imagine the rise of discriminatory barriers to digital trade of the type that have dogged global trade flows for years, and a failed recognition by the WTO of the reality of modern commerce. The WTO should, as the author argues, put a "spotlight" on electronic trade, and move forward in a comprehensive fashion." Ambassador Charlene Barshesky, Former United States Trade Representative "Wunsch-Vincent provides a comprehensive analysis of the challenges to establish a liberal trade regime for trade in digital products. This book will become an important point-of-reference for anybody interested in e-commerce and the WTO." Carlos A. Primo Braga, Senior Adviser, International Trade Department, The World Bank

This book constitutes the refereed proceedings of the 14th IFIP WG 8.5 International Conference on Electronic Government, EGOV 2015, held in Thessaloniki, Greece, in August/September 2015 in conjunction with the 7th International Conference on eParticipation, ePart 2015. The 25 revised full papers presented were carefully reviewed and selected from 53 submissions. The papers have been organized in the following topical sections: foundations; open and smart government; services, processes and infrastructure; and application areas and evaluation.

This edited collection offers an insight into the dynamic of HRM in thirteen developing countries across Africa, Asia, and the Middle East. Taking readers through the realities of HRM in the global South, the book identifies the significance of contexts, diversity of cultures, and dissimilarity of processes in managing people. In other words, the book addresses general issues of HRM in cross-national settings to give readers an understanding of HR that is comparative and country-specific. Covering issues in Nigeria, South Africa, Egypt, China, India, Pakistan, Malaysia, Bahrain, Jordan, United Arab Emirates, and Argentina, each chapter draws out the unique and diverse configurations of HRM in each country. Also examining digital HRM, technology-based entrepreneurship, gig work, artificial intelligence and digitalization in business practice, this book is an invaluable resource for all HRM practitioners, policymakers, students, HRM scholars, international HRM, international business, and business managers across the globe.

2020 will forever be remembered as the year that the COVID-19 pandemic mercilessly hit the world, leaving a trail of loss both human and economic. Qatar has managed to limit its economic decline to a reasonable 2.5%, emerging as the top performer in the GCC. The IMF also expects the economy to expand 2.7% in 2021. Resilience and diversification have been buzzwords in Qatar for some time, yet never have they taken on so much meaning. This 184-page publication aims to provide a platform for the country's decision makers at a time of global uncertainty and act as a guide for investors looking seriously at the Gulf economy. It covers sports, finance, energy, industry, transport, ICT and media, construction and real estate, food security, health and education, tourism, and retail.

A Comprehensive Compilation of Decisions, Reports, Public Notices and Other Documents of the Federal Communications Commission of the United States

Digital Transformation and Global Society

Resources for the Library and Education Community

Copyright and the NII

The Modernisation of State Aid for Economic and Social Development

FCC Record

Digital Entrepreneurship and the Sharing Economy

This book provides international perspectives on the use of digital technologies in primary, lower secondary and upper secondary school mathematics. It gathers contributions by the members of three topic study groups from the 13th International Congress on Mathematical Education and covers a range of themes that will appeal to researchers and practitioners alike. The chapters include studies on technologies such as virtual manipulatives, apps, custom-built assessment tools, dynamic geometry, computer algebra systems and communication tools. Chiefly focusing on teaching and learning mathematics, the book also includes two chapters that address the evidence for technologies' effects on school mathematics. The diverse technologies considered provide a broad overview of the potential that digital solutions hold in connection with teaching and learning. The chapters provide both a snapshot of the status quo of technologies in school mathematics, and outline how they might impact school mathematics ten to twenty years from now.

1. 'Competition in Focus' series - Current Affairs (Half Yearly 2021) is best selling Magazine. 2. Provides complete coverage of Current Affairs from January to June 2021. 3. It covers every part of General Knowledge from National to International. 4. More than 400 MCCOs on Current Shooters. 5. Highly useful for State PCSs, IBPS (PO/ Clerk), NDA/CDA, SSC (CGL & 10+2), Railways & Other State Level Competition Exams. Whether you are appearing of the civil services or sitting for a college entrance, General Knowledge & Awareness comprises of a good part in competition for scoring a good ranking. Being aware about the events around help you to make your place among intellectuals as well as clear various competitive examinations. Here we bring the 2021 edition of 'Current Affairs Half Yearly' that is designed to give complete coverage of current events from January to June 2021 is a concise manner. Its 'Inside the Pages' provides you with the information of National Affairs, International Affairs, Economy & Banking, State Affairs, Science & Technology, Defence & Security, Sports, newsmakers, and Awards & Honours. This magazine also includes more than 400 MCCOs that proves to be comprehensively useful for all competitive exams and lastly, the section Who's who deals with the currently appointed Governors, Ministers, Heads, Officials and many more. Students who are going to appear in the upcoming examinations of State PCS, IBPS (PO/Clerk), SSC (CGL/10+2), NDA/CDA, Railways and other State level examinations, this magazine proves to be highly useful. TOC National Affairs, International Affairs, Economy & Banking, State Affairs, Science & Technology, Defence and Security, Sports, News, Awards and Honours. 400+ Current Shooters, Who's Who.

The digital and increasingly digitised world is shaped by the interplay of new technological opportunities and ubiquitous societal trends. Both lead to drastic changes facing artificial intelligence (AI), cryptocurrencies and block-chain technologies, internet of things, technology-based surveillance, and other disruptive innovations. These developments facilitate the rise of the sharing economy and open for a variety of new entrepreneurial opportunities that businesses can take up. The novel entrepreneurial opportunities, however, imply a paradigmatic shift in the understanding of entrepreneurship. This book combines digital entrepreneurship with the sharing economy. It presents cutting-edge research for scholars and practitioners interested in either one of the topics – digital entrepreneurship or sharing economy – or their connection. The book addresses three major ways to become entrepreneurial in the sharing economy: digital entrepreneurship through creating novel sharing-economy platforms; technology entrepreneurship through the exploitation of sharing-economy platforms; and business model innovation or business model change influenced by the sharing economy. The book also highlights governance questions on digital entrepreneurship in the sharing economy, which are highly relevant for businesses, the economy, and society. The book will be of interested to researchers, academics, and students in the field of business and entrepreneurship, with a special focus on digital entrepreneurship.

This book shows how to design labour rights to effectively protect digital platform workers, organise accountability on digital work platforms, and guarantee workers' collective representation and action. It acknowledges that digital work platforms entail enormous risks for workers, and at the same time it reveals the extent to which labour law is in need of reconstruction. The book focusses on the conceptual links – often overlooked in the past – between labour law's categories and its regulatory approaches. By explaining and analysing the wealth of approaches to reconstruct and reconceptualise labour law, the book uncovers the organisational ideas that permeate labour law's categories as well as its policy approaches in a variety of jurisdictions. These ideas reveal a lack of fit between labour law's traditional concepts and digital platform work: digital work platforms rarely behave like hierarchical organisations; instead, they more often function as market organisers. The book provides a fresh perspective for international academic and policy debates on the regulation of digital work platforms, as well as on the purposes and foundations of labour law. It offers a way out of the impasse the debate around labour law classification has reached, by showing what labour law could learn from digital law approaches to platforms – and vice versa.

Regulating eTechnologies in the European Union

The Emergence of EU Criminal Law

Tools, Topics and Trends

Routledge Handbook of Media Law

Uses of Technology in Lower Secondary Mathematics Education

E-FOOD: Closing the Online Enforcement Gap in the EU Platform Economy

Uses of Technology in Primary and Secondary Mathematics Education

The EU strategy 2020 includes ambitious plans for e-regulation that could improve Europe's competitiveness. However, the European states have very different legal frameworks in this field. This book introduces flagship initiatives and provides a detailed overview and analysis of the current standards and latest developments, offering practical insights and guidelines for practitioners and policy-makers alike. Further, as it discusses the main areas of e-regulation, it can serve as a useful platform for university education in light of the growing need for new kinds of specialists, i.e., IT lawyers. The book concentrates on fields that are directly affected by e-regulation such as cyber-security, databases, computer programs, e-governance, IP and competition law and informatics.

This publication identifies and discusses important challenges affecting eHealth in the EU and North America in the three areas of law, ethics and governance. It makes meaningful contributions to the eHealth discourse by suggesting solutions and making recommendations for good practice and potential ways forward. Legal challenges discussed include issues related to electronic medical records, telemedicine, the Internet and pharmaceutical drugs, healthcare information systems and medical liability. Ethical challenges focus on the Internet, patient perceptions and ethical frameworks. Governance challenges focus on IT governance in healthcare, governance and decision-making in acute care hospitals, and different models of eHealth governance. The publication provides useful support materials and readings for persons active in developing current understandings of the legal, ethical and governance challenges involved in the eHealth context.

The case for a smarter "prosumer law" approach to Internet regulation that would better protect online innovation, public safety, and fundamental democratic rights. Internet use has become ubiquitous in the past two decades, but governments, legislators, and their regulatory agencies have struggled to keep up with the rapidly changing Internet technologies and uses. In this groundbreaking collaboration, regulatory lawyer Christopher Marsden and computer scientist Ian Brown analyze the regulatory shaping of "code"—the technological environment of the Internet—to achieve more economically efficient and socially just regulation. They examine five "hard cases" that illustrate the regulatory crisis: privacy and data protection; copyright and creativity incentives; censorship; social networks and user-generated content; and net neutrality. The authors describe the increasing "multistakeholderization" of Internet governance, in which user groups argue for representation in the closed business-government dialogue, seeking to bring in both rights-based and technologically expert perspectives. Brown and Marsden draw out lessons for better future regulation from the regulatory and interoperability failures illustrated by the five cases. They conclude that governments, users, and better functioning markets need a smarter "prosumer law" approach. Prosumer law would be designed to enhance the competitive production of public goods, including innovation, public safety, and fundamental democratic rights.

Resources in Education

Regulating Code

Cyber Crime and the Regulation of the Information Society

Industry 4.0 and Regional Transformations

An Exploration into the Digital Single Market

Encyclopedia of Information Science and Technology, Third Edition

