TABLE OF CONTENTS

ver Innovation: A Casa Study of all Printing in LIK and

144 Human Dignity and the Ethiosland Regulation of Technology and 177

List of Contributors CHALLENGES FOR LAW PART I INTRODUCTION Law, Regulation, and Technology: The Field, Frame, and Focal Questions ROGER BROWNSWORD, ELOISE SCOTFORD, AND KAREN YEUNG PART II LEGITIMACY AND TECHNOLOGICAL REGULATION: VALUES AND IDEALS 1. Law, Liberty, and Technology 41 ROGER BROWNSWORD Contract Law and the Challenges of Computer Technology 2. Equality: Old Debates, New Technologies гмассаW изнате Jeanne Snelling and John McMillan 3. Liberal Democratic Regulation and Technological Advance TOM SORELL AND JOHN GUELKE 04. Identity Metaphore was labouremental Law yeolondoor gaining ma 114 Thomas Baldwin 5. The Common Good Astronomenadad abrawot transportant more 135 Environmental Law at the Dawn of the Anthrop normanic arms

6. Law, Responsibility, and the Sciences of the Brain/Mind

17. Parental Responsibility. Hyper-parenting, and the asnoM. J. Nahara

Precaution in the Governance of Technology ygolondool lo

3

153

7.	Human Dignity and the Ethics and Regulation of Technology MARCUS DÜWELL	177
8.	Human Rights and Human Tissue: The Case of Sperm as Property Morag Goodwin	197
yx	PART III TECHNOLOGICAL CHANGE: CHALLENGES FOR LAW	
9.	Legal Evolution in Response to Technological Change GREGORY N. MANDEL	225
10.	Law and Technology in Civil Judicial Procedures Francesco Contini and Antonio Cordella	246
11.	Conflict of Laws and the Internet UTA KOHL AGGINGTON AND TOTAL TOTAL TOTAL TOTAL UTA KOHL	269
12.	Technology and the American Constitution O. CARTER SNEAD AND STEPHANIE A. MALONEY INDEED TO BE AMERICAN MALONEY INDEED TO BE A	296
13.	Contract Law and the Challenges of Computer Technology STEPHEN WADDAMS MALLIMON WHOLDMAN SMALLING SMA	317
14.	Criminal Law and the Evolving Technological Understanding of	
90	Liberal Democratic Regulation and Technological Advarruoivanel Tom Sorbit and John Gurike North Cornel and Tom Sorbit and Tom	338
15.	Imagining Technology and Environmental Law ELIZABETH FISHER MWGIAS AMORT	360
16.	From Improvement towards Enhancement: A Regenesis of EU Environmental Law at the Dawn of the Anthropocene	
153	Law, Responsibility, and the Sciences of the Brain/Mind	
17.	Parental Responsibility, Hyper-parenting, and the Role M. Townser	404

170	Human Rights and Information Technologies GIOVANNI SARTOR	
	Maintaining Legitimate Regulatory/sauth waggu A дил язега. I яяаМ	
19.	The Coexistence of Copyright and Patent Laws to Protect Innovation: A Case Study of 3D Printing in UK and	
	Australian Law Dinusha Mendis, Jane Nielsen, Dianne Nicol, and Phoebe Li	451
	Regulating Workplace Technology: Extending the Agenda Tonia Novitz	
21.	Public International Law and the Regulation of	365
	Emerging Technologies ROSEMARY RAYFUSE	500
	Torts and Technology	
22.	IONATHAN MORCAN	522
364	Data Mining as Global Governance	32.
23.	Tax Law and Technological Change	546
	solar Chinate Engineering, Law, and Kegmanon	33-
	Jesse I., Reynolds	
P	APE IN TECHNIQUE COLORI CHANCE CHALLENCE	
	ART IV TECHNOLOGICAL CHANGE: CHALLENG	ES
823	TOR REGULATION AND GOVERNANCE	ES
		ES
	FOR REGULATION AND GOVERNANCE PART A REGULATING NEW TECHNOLOGIES	ES E
823 42, 42, 43,	PART A REGULATING NEW TECHNOLOGIES Regulating in the Face of Sociotechnical Change Lyria Bennett Moses	573
424 434 434 24.	PART A REGULATING NEW TECHNOLOGIES Regulating in the Face of Sociotechnical Change Lyria Bennett Moses	1017 -28
424 434 434 24.	PART A REGULATING NEW TECHNOLOGIES Regulating in the Face of Sociotechnical Change Lyria Bennett Moses	1017 -28
££88 424 43 24. 478 25.	FOR REGULATION AND GOVERNANCE PART A REGULATING NEW TECHNOLOGIES Regulating in the Face of Sociotechnical Change Lyria Bennett Moses Hacking Metaphors in the Anticipatory Governance of Emerging Technology: The Case of Regulating Robots Meg Leta Jones and Jason Millar	573
££88 424 43 24. 478 25.	PART A REGULATING NEW TECHNOLOGIES Regulating in the Face of Sociotechnical Change Lyria Bennett Moses Hacking Metaphors in the Anticipatory Governance of Emerging Technology: The Case of Regulating Robots Meg Leta Jones and Jason Millar The Legal Institutionalization of Public Participation in the EU Governance of Technology Maria Lee	573
24. 42. 24. 25.	PART A REGULATING NEW TECHNOLOGIES Regulating in the Face of Sociotechnical Change Lyria Bennett Moses Hacking Metaphors in the Anticipatory Governance of Emerging Technology: The Case of Regulating Robots Meg Leta Jones and Jason Millar The Legal Institutionalization of Public Participation in the EU Governance of Technology	573 597 620

28. The Role of Non-state Actors and Institutions in the Governance of New and Emerging Digital Technologies	
MARK LEISER AND ANDREW MURRAY	
e Coexistence of Copyright and Patent Laws to Protectin name H. 8	
novation: A Case Study of 3D Printing in UK and vtraqord as	
PART B TECHNOLOGY AS REGULATION	
29. Automatic Justice? Technology, Crime, and Social Control Amber Marks, Benjamin Bowling, and Colman Keenan	705
30. Surveillance Theory and Its Implications for Law	731
TIERK TIMAN, MAŠA GALIČ, AND BERT-JAAP KOOPS	
old redai Evolution in Response to Jacknologicas Rologios Buildiou	
31. Hardwiring Privacy	754
Lee A. Bygrave	
SS? Law and Technology in Civil Judicial ProceduygolondaeT bus atra	OI 2499
32. Data Mining as Global Governance	776
FLEUR JOHNS Obe Conflict of Laws and the Interneganal Changical Change and the Interneganal Change and The Intern	eT es
33. Solar Climate Engineering, Law, and Regulation	AA A
Jesse L. Reynolds	799
12. Technology and the American Constitution	
34. Are Human Biomedical Interventions Legitimate	PAR
Regulatory Policy Instruments?	823
Karen Yeung	317
35. Challenges from the Future of Human Enhancement	854
Nicholas Agar	
gulating in the Face of Sociotechnical Change 573	24. Re
36. Race and the Law in the Genomic Age: A Problem for Equal	
Treatment Under the Law	874
ROBIN BRADLEY KAR AND JOHN LINDO	
chnology: the case of Regulating Robots 597	
PART V SIX KEY POLICY SPHERES	M
e Legal Institutionalization of Public Participation in the EU	rr 379
e Legal institutionalization of rubile ratificipation induced with	20, 11

PART A MEDICINE DE LA ALBAM

37.	New Technologies, Old Attitudes, and Legislative	Rigidity
	JOHN HARRIS AND DAVID R. LAWRENCE	DMITSTY

915 Precautic

38.	Transcending the Myth of Law's Stifling Technological Against Control Innovation: How Adaptive Drug Licensing Processes are	
	Maintaining Legitimate Regulatory Connections	929
	Genetic Engineering and Biological Risks: Policy Formation	
811	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	PART B POPULATION, REPRODUCTION,	
	AND FAMILY	
39.	Human Rights in Technological Times Thérèse Murphy	953
	Population, Reproduction, and Family Sheila A. M. McLean MORUT HURSOL GRASHARD AROM	alr.
41.	Reproductive Technologies and the Search for Regulatory Legitimacy: Fuzzy Lines, Decaying Consensus, and Intractable Normative Problems	
Boi a wi Lec	Colin Gavaghan PART C TRADE, COMMERCE, AND EMPLOYMEN	
12	Technology and the Law of International Trade Regulation	
Vol.	Thomas Cottier Secretarion of Environmental Harm and Law of International Trade Regulation	
43.	Trade, Commerce, and Employment: The Evolution of the Form and Regulation of the Employment Relationship in Response to	
	the New Information Technology KENNETH G. DAU-SCHMIDT	
	PART D PUBLIC SAFETY AND SECURITY	
44.	Crime, Security, and Information Communication Technologies: The Changing Cybersecurity Threat Landscape and Its Implications for Regulation and Policing	
	DAVID S. WALL	

	Debating Autonomous Weapon Systems, Their Ethics, and Their Regulation Under International Law
929	Kenneth Anderson and Matthew C. Waxman semiliged galatement
46.	Genetic Engineering and Biological Risks: Policy Formation and Regulatory Response 1118 FILIPPA LENTZOS
29.	Automatic Justice? Technology Gricon and Control 705
***	PART E COMMUNICATIONS, INFORMATION,
	MEDIA, AND CULTURE
47.	Audience Constructions, Reputations, and Emerging Media Technologies: New Issues of Legal and Social Policy 1143 NORA A. DRAPER AND JOSEPH TUROW
	41. Reproductive Technologies and the Search for Regulatory and The Legitimacy: Fuzzy Lines, Decaying Consensus, and Intractable users
33	PART F FOOD, WATER, ENERGY, AND ENVIRONMENT
.0	Water Energy and Tachnalogy The Local Challenges of
40.	Water, Energy, and Technology: The Legal Challenges of Interdependencies and Technological Limits ROBIN KUNDIS CRAIG 1169
710	42. Technology and the Law of International Trade Regulation 12 House Company and the Law of International Trade Regulation 2 House Company and the Law of International Trade Regulation 2 House Company and the Law of International Trade Regulation 2 House Company and the Law of International Trade Regulation 2 House Company and the Law of International Trade Regulation 2 House Company and the Law of International Trade Regulation 2 House Company and the Law of International Trade Regulation 2 House Company and the Law of International Trade Regulation 2 House Company and the Law of International Trade Regulation 2 House Company and the Law of International Trade Regulation 2 House Company and the Law of International Trade Regulation 2 House Company and the Law of Internation 2 House Company and Internation 2 House
49.	Technology Wags the Law: How Technological Solutions Changed the Perception of Environmental Harm and Law
	43. Trade, Commerce, and Employment: The Evolution TTAIR B NOTOIV and Regulation of the Employment Relationship in Response to
50.	Novel Foods and Risk Assessment in Europe: Separating Science from Society ROBERT LEE
51.	Carbon Capture and Storage RICHARD MACRORY
	Nuisance Law, Regulation, and the Invention of Prototypical Pollution Abatement Technology: 'Voluntarism' in Common Law and Regulation 1253 BENJAMIN PONTIN

Index